

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# MICHELL'S

WHOLESALE CATALOG

## SEEDS · BULBS · PLANTS

SUPPLIES FOR  
FLORISTS AND MARKET GARDENERS

SPRING  
EDITION

1938



### MARIGOLD

New Chrysanthemum-flowered  
American Beauty

YELLOW, ORANGE, GOLDEN ORANGE

Trade pkt. 50c.  
\$1.00 per 1/4oz.

MIXED. Trade pkt. 40c.; 75c. per 1/4oz.



### PETUNIA

MICHELL'S NEW SUPER FLUFFY RUFFLES

This excellent new strain with its beautifully ruffled and fringed flowers is a fine variety for the up-to-date florist, and will prove very popular with the ladies.

1/2 trade pkt. 85c.; \$1.50 per trade pkt.  
1/8oz. \$3.00

### PETUNIA

MICHELL'S NEW SUPERBISSIMA JUMBO

The flowers of this giant, plain-edged Petunia are the largest we have seen. For the florist who wants something exceptionally good and a sure seller, we recommend this variety.

1/2 trade pkt. 85c.; \$1.50 per trade pkt.  
1/8oz. \$4.00



HENRY F. MICHELL CO., 516-518 Market St., PHILA., PA.

# IMPORTANT TO CUSTOMERS



## Please Notice

Orders at prices in this Catalog will be filled only for those engaged in the florist, landscape gardening, and market gardening business, or others entitled to such prices. We reserve the right to refuse to fill orders for others not entitled to these prices.

As a protection to our customers who are entitled to wholesale or florists' prices, we ask that they do not lend this Catalog to persons not entitled thereto. It will save us considerable embarrassment. Tell them to send for our "Seed Book"—free upon request.

## We Welcome Charge Accounts

We invite you to take advantage of a charge account with us. So that no time will be lost in executing your first order, please refer, preferably, to someone in either your own or our line of business with whom you have a charge account. This frequently saves delay.

## Discounts

On bills for Flower Seeds, Vegetable Seeds, and Bulbs, a discount of 2 per cent for payment 10 days from date of bill may be deducted; 5 per cent cash discount is allowed on all orders of Flower Seeds and 3 per cent cash discount on all orders of Vegetable Seeds and Bulbs when remittance accompanies the order, unless on items specially quoted or priced. Cash discount above does not apply to dealers' orders, unless so stated in quotations or otherwise. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

## Conditions of Sales

All contracts, sales, and acknowledgments of orders are contingent upon crop failure, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

## Forwarding Service

We pay postage on all orders for Vegetable and Flower Seeds provided the order calls for packets, ounces, quarter pounds, or pounds (beans, corn, peas and grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage. All postage is charged on dealers' orders regardless of items ordered.

## Parcel Post Rates

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on sundries or other merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces, are sent at zone rates.

If Special Delivery is wanted, an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

We do not make shipments of Plants or Cold-Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

## Important Notice

All shipments of plants, perishable stock, and cold-storage bulbs are made at buyer's risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the actual arrival of goods (except at points where there is no Freight or Express agent) will still be continued, and claims for loss or non-arrival of merchandise not perishable will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of goods.



**PARCEL POST CHARGES QUOTED BY US ARE FOR DELIVERY IN THE UNITED STATES ONLY**

Bell Telephone:  
Lombard 5620

Notice to Customers in Canada and other Countries outside of the United States

Keystone Telephone:  
Main 1631

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par United States funds.

# HENRY F. MICHELL CO., 516 and 518 Market St., PHILA.

WAREHOUSES:

509-11-13 Ludlow St. and  
American and Dauphin Sts.

**SEEDS** BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

Nurseries and Plant Houses:  
ANDALUSIA, PA.

# Michell's Novelty and Specialty Flower Seeds

FOR 1938 • For General List of Flower Seeds, See Pages 5 to 32

## Michell's Exclusive 1938 Introductions

**ANTIRRHINUM, RUSTPROOF, CHEVIOT MAID SUPREME.** We are proud to introduce this splendid new Snapdragon, which we believe to be the first rustproof sort in the forcing type. The color is a rich coral-rose, and the large, non-shattering florets are closely set on heavy spikes with good, wiry stems. This variety will prove equally good for outdoor cut-flowers as well as greenhouse forcing. See color illustration on fourth cover. Trade pkt. 75c.; \$2.00 per 1/4oz.

**CALENDULA, SUNBEAMS.** This is a very choice florists' cut-flower—an exquisite blending of many delightful shades and color combinations, ranging from pale cream to deep orange. The flowers are of various types and forms, with extra-long stems which make them excellent for cutting. See color illustration on fourth cover. Trade pkt. 40c.; 60c. per 1/4oz.; oz. \$2.00.

**PETUNIA, SUPERBISSIMA JUMBO.** A single-flowered, plain-edged variety with huge blooms 6 to 8 inches across, in a bright amaranth-red color. The plants are of dwarf habit and are very free flowering. Excellent for pots. See color illustration on front cover. 1/2 trade pkt. 85c.; \$1.50 per trade pkt.; 1/4oz. \$4.00.

**PETUNIA, SUPER FLUFFY RUFFLES.** Splendid new strain with beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Exceptionally free flowering. Excellent for bedding and growing in pots. See color illustration on front cover. 1/2 trade pkt. 85c.; \$1.50 per trade pkt.; 1/4oz. \$3.00.

**PETUNIA, DWARF ELK'S PRIDE.** A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The plants are of upright habit, free flowering, and the color the well-known royal purple. 1/2 trade pkt. 60c.; \$1.00 per trade pkt.; 1/4oz. \$3.00.

**PETUNIA, BALCONY, ROSY MORN.** The true Balcony type in the ever-popular Rosy Morn Petunia. Plants are of branching habit and throw out long runners which are literally covered with rose-pink flowers having white throats. Unsurpassed for urns and window-boxes, or for planting on banks or terraces. 1/2 trade pkt. 30c.; 50c. per trade pkt.; 1/8oz. \$1.25.

All the above are 1938 Introductions



Petunia, Dwarf Elk's Pride

## Rustproof Antirrhinum • Snapdragon

This strain has proved excellent under extensively wet outdoor conditions. They have stood the tests and are better than 75 per cent rustproof. For growing outdoors for cutting or bedding, they will prove excellent. Each plant produces from 15 to 18 spikes, which are non-lateral, with flower-heads 10 to 14 inches long. They are of vigorous growth with broad, dark green foliage practically immune from rust.

### Super Majestic

A new group that is superb as a cut-flower or for bedding, and we believe it will also prove to be excellent for greenhouse culture.

**Rose Sensation.** 1938 Novelty. The richest and finest rose-pink Snapdragon to date. Flowers are huge, both tube and flower being one solid color. The trusses are immense and the florets closely set. Trade pkt. 50c.; \$1.00 per 1/8oz.

	Trade pkt.	Oz.
<b>Crimson Shades.</b> Garnet and ruby shades.....	\$0 50	\$3 50
<b>Dainty.</b> Delightful soft pink.....	50	3 50
<b>Orange Shades.</b> Orange and gold shades.....	50	3 50
<b>Rose Shades.</b> Shades of rose-pink.....	50	3 50
<b>Superb Super Majestic Mixture.</b> .....	50	3 00

### Maximum

**Paradise Rose.** 1938 Novelty. Beautiful soft rose-pink; long, compact spikes, fine for cutting. Trade pkt. 50c.; \$1.00 per 1/8oz.

**Swingtime.** 1938 Novelty. A lovely new color combination—soft rose-pink with white tube. One of the loveliest Snapdragons we have ever seen. Trade pkt. 50c.; \$1.00 per 1/8oz.

**Yellow Giant.** 1938 Novelty. Striking deep yellow—very bright color. A good florists' cut-flower proposition. The stems are wiry and the individual flowers large and closely set in huge trusses. Trade pkt. 50c.; \$1.00 per 1/8oz.

### Antirrhinum nanum grandiflorum, Semi-Dwarf

**Antique Gold.** 1938 Novelty. A new color in this group—shades of old-gold, copper, and orange blended in a delightful combination. Trade pkt. 40c.; \$1.00 per 1/8oz.

	Trade pkt.	Oz.
<b>Carmine-Rose.</b> Bright carmine-rose and yellow.....	\$0 25	\$1 00
<b>Indian Girl.</b> Brownish orange and bright yellow.....	25	1 00
<b>Red Boy.</b> Rich deep scarlet.....	25	1 00
<b>Wildfire.</b> Orange-scarlet, yellow lip.....	25	1 00
<b>Mixed.</b> A superior mixture.....	25	1 00



Snapdragon, Antique Gold

## Ageratum, Michell's Blue Boy

EXTRA-DWARF, NOVELTY

This Michell's Strain is the result of many years' careful selection. Plants are compact and very dwarf, growing about 4 inches high. Growth uniform and even; plants are almost completely smothered with the richest shades of blue. Trade pkt. 50c.; \$3.50 per oz.

## Aster, Crego, Enchantress

WILT-RESISTANT, 1938 NOVELTY

An entirely new color in Asters—a lovely shade of lively salmon-rose, one of the brightest colors yet developed. The flowers are exceptionally large and of good substance. Plants are branching and free flowering, producing blooms in early September. Trade pkt. 50c.; \$3.00 per oz.

## Aster, Giant Comet, Illusion

WILT-RESISTANT, 1938 NOVELTY

Another new color in the wilt-resistant Asters. Illusion is a soft pastel shade of apricot-pink, especially fine for cutting and most effective when used in combination with some blue flower. The plants are of upright growth, about 2 feet tall, and very free flowering. This strain will flower the latter part of August. Trade pkt. 50c.; \$3.00 per oz.

## New Cosmos, Sensation

ALL-AMERICA WINNER

A mammoth new early-flowering variety coming into bloom in about ten weeks from time of sowing. It is remarkable for the size of its giant flowers, which measure 4 to 5 inches across. The colors are a mixture of pink and white. Splendid for cutting. Trade pkt. 30c.; \$1.00 per oz.



Cuphea, Firefly

## Cuphea, Firefly

NEW

This newcomer has all the characteristics needed in a dwarf, compact plant, and is most suitable for pot-plants, rockeries, window-boxes, borders, or bedding. The plants reach a height of 10 inches and are completely covered with brilliant scarlet flowers. It is a tender annual, flowering from seed in 12 to 14 weeks, and will bloom profusely throughout the season. Trade pkt. 50c.; \$1.25 per 1/8oz.

## New Gaillardia grandiflora, Goblin

This new variety is the first really dwarf, compact Gaillardia, especially suited for the rockery. The neat plants reach a height of 12 to 15 inches, and are closely covered with large, showy yellow flowers bordered deep red. If seed is sown in March, the plants will flower in the fall of the same year. Trade pkt. 50c.; \$3.50 per oz.

## Lily, Michell's White Swan

A giant, snow-white, early-flowering Lily of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will bloom in approximately 8 months from seed. Trade pkt. (600 seeds) 75c.; \$5.00 per oz.

## Marigold, New Chrysanthemum-flowered American Beauty

This new strain is identical in form of flower to a lovely incurved chrysanthemum. The plants are very free flowering, and the stems are good and strong, which makes it ideal for cutting. We offer the following 3 separate colors and a mixture. All colors are true and 100 per cent double. Height, 3 feet. See color illustration on front cover.

	Trade pkt.	1/4oz.		Trade pkt.	1/4oz.
Orange	\$0 50	\$1 00	Yellow	\$0 50	\$1 00
Golden Orange	50	1 00	Choice Mixed	40	75

## African Marigold, Gigantea, Sunset Giants NOVELTY

A new departure in Marigolds, with flowers the largest ever known in that group, averaging 5 to 7 inches. It is exceptionally free flowering and lacks the usual Marigold odor. Plants grow 3 1/2 to 4 feet high. The flowers are loosely formed, with broad, heavy petals and in a mixture ranging from deep orange through light lemon-yellow. This strain comes 50 per cent double. Trade pkt. 40c.; \$2.00 per oz.

## Marigold, Chrysanthemum-flowered Hybrids NOVELTY

These hybrids consist of many new and distinct types of Marigolds, the blooms of which measure from 2 to 4 inches in diameter. Some of these types have petals which are very quilled and incurved, resembling a miniature American Beauty aster, and colors range in all shades of orange and yellow. The plants grow about 3 feet high, supporting masses of flowers on fine stems for cutting. Trade pkt. 50c.; \$2.50 per oz.

## African Marigold, Carnation-flowered Hybrid Golden Eagle. NOVELTY

Closely related to the popular Guinea Gold. Color a delightful shade of luminous gold. Flowers come 100 per cent double, and as a cut-flower this variety is superb. Trade pkt. 40c.; \$2.00 per oz.

## Marigold, African, Little Giants, Mixed

1938 NOVELTY

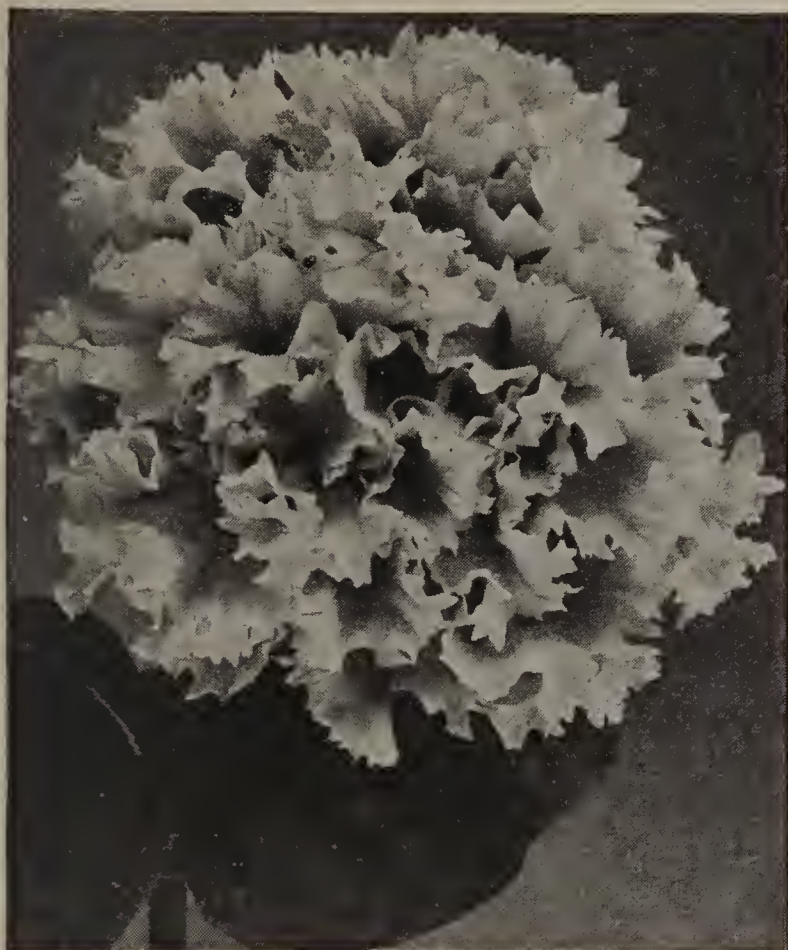
A new variety that produces large, 5-inch African-type flowers. Plants are compact, 15 to 20 inches high, and literally covered with blossoms. Foliage is a deep bluish green. Ideal for bedding or pot-plants. Trade pkt. 50c.; \$1.00 per 1/4oz.



Nierembergia Hippomanica

## Nierembergia Hippomanica • Dwarf Cup-flower NOVELTY

A lovely new annual growing 5 to 6 inches tall, and completely covered with small, cup-like flowers of a lovely lavender-blue shade, with a touch of yellow in the centers. The plants are definitely dwarf and compact, with a spread of 8 to 10 inches, and commence to flower 15 weeks after seed is sown, continuing to bloom throughout the season. An excellent border plant or for the rockery. Trade pkt. 50c.; \$1.50 per 1/4oz.



Alldouble Petunia, Carmine Queen

### Petunia, Giants of California, Bodger's Supreme Florists' Strain

This new strain we believe to be the finest of the well-known Giants of California type. The flowers are very large, ruffled, with open throats, and the color strain is unsurpassed. The flowers are freely produced on strong plants which are medium tall in habit. Excellent for bedding as well as window-boxes. 1/2 trade pkt. 60c.; \$1.00 per trade pkt.; 1/4 oz. \$3.00.

### Petunia hybrida, Topaz Rose

1938 ALL-AMERICA WINNER

The color of this new single Petunia is a fiery, velvety rose, slightly suffused with gold. A brilliant color and a most welcome addition to the hybrida group; of compact habit, free flowering, and a splendid subject for beds or borders. The flowers remain on the plants a long time, and will not fade or burn under the hottest sun. Trade pkt. 50c.; \$1.25 per 1/4 oz.; oz. \$4.00.

### Petunia, Michell's Quaker Giants

NOVELTY

**Selected Mixture.** Mammoth, deep-throated, single, well-ruffled flowers. Plants of dwarf habit. Excellent for pots. 1/2 trade pkt. 75c.; \$1.25 per trade pkt.; 1/4 oz. \$2.00; \$3.50 per 1/2 oz.

### Petunia nana compacta or Miniature

This new dwarf strain is very bushy, and seldom grows more than 10 inches high, making a compact ball form that is literally covered with perfect small flowers. Ideal for planting in borders or solid beds, and splendid for growing in pots. This strain is a really worth-while florist specialty.

	Trade pkt.	1/4 oz.
<b>Adora.</b> Rosy carmine, with white star.....	\$0 50	\$1 25
<b>Little Blue Star.</b> Blue, with white star.....	50	1 25
<b>Rose Gem.</b> Rich deep rose.....	50	1 25
<b>Senator Improved.</b> Violet self, with white throat.....	50	1 25
<b>Snow Bedder.</b> Pure white.....	50	1 25
<b>Choice Mixed.</b> .....	50	1 25

### New Single Large-flowering Petunia, Snowstorm

A fine, large-flowering, plain-edged, pure white variety. Very free blooming. Exceptionally good as a pot-plant or for bedding. The best pure white Petunia for growing in borders or beds. Trade pkt. \$1.25.

## Petunias, Alldouble

The latest development in Double Petunias is the new Alldouble strain which produces 100 per cent double flowers.

**ORCHID BEAUTY.** 1938 All-America Winner. A decidedly new shade in the Alldouble Petunias. The habit of growth is dwarf and compact; flowers large and fully double, a beautiful shade of orchid. This color should prove very popular as it blends beautifully with the pink colors in this group. See color illustration on back cover. 1/2 trade pkt. (300 seeds) \$1.25; \$2.00 per trade pkt. (600 seeds); 3 trade pkts. \$6.00.

(Owing to the scarcity of seed, this variety is not included in the combination offer of 3 packets for \$5.00.)

**AMARANTH-RED.** Bright amaranth-red—a new color in this popular strain of Petunias. 1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00.

**CARMINE QUEEN (World Beauty).** An exceptionally fine dwarf type with very double, beautiful rosy carmine flowers. Plants are very compact and flowers are large and produced in abundance. 1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00.

**LOVELINESS.** Identical in habit to the popular Carmine Queen but the color is a clear La-France-pink. A valuable addition to this group and especially useful to florists. 1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00.

**WHITE QUEEN.** Flowers pure white, very double and beautifully fringed. Extra dwarf and free flowering. 1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00.

**DWARF ALLDDOUBLE VICTORIOUS, MIXED.** A giant mixed Petunia which produces 100 per cent double-flowered plants. Growth is very dwarf and compact, and the flowers are large and fully double, in many brilliant and fancy colorings. Very free flowering. An exceptionally fine type for pot-culture as the plants seldom grow more than 10 inches in height. 1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00; \$6.00 per 1/4 oz.

## Schizanthus, Dwarf Large-flowering

A new compact type that is very free flowering and makes an exceptionally good pot-plant for florists. Very easy to grow, and will flower from seed in approximately ten weeks. Every florist should grow a few hundred plants of this novelty. This mixture contains all the popular shades. Trade pkt. 50c.; \$1.25 per 1/4 oz.

## Scabiosa, New Giant Salmon Beauty

Huge pure salmon flowers produced on long stems. A very attractive variety. Splendid for cutting. Trade pkt. 50c.; \$3.00 per oz.

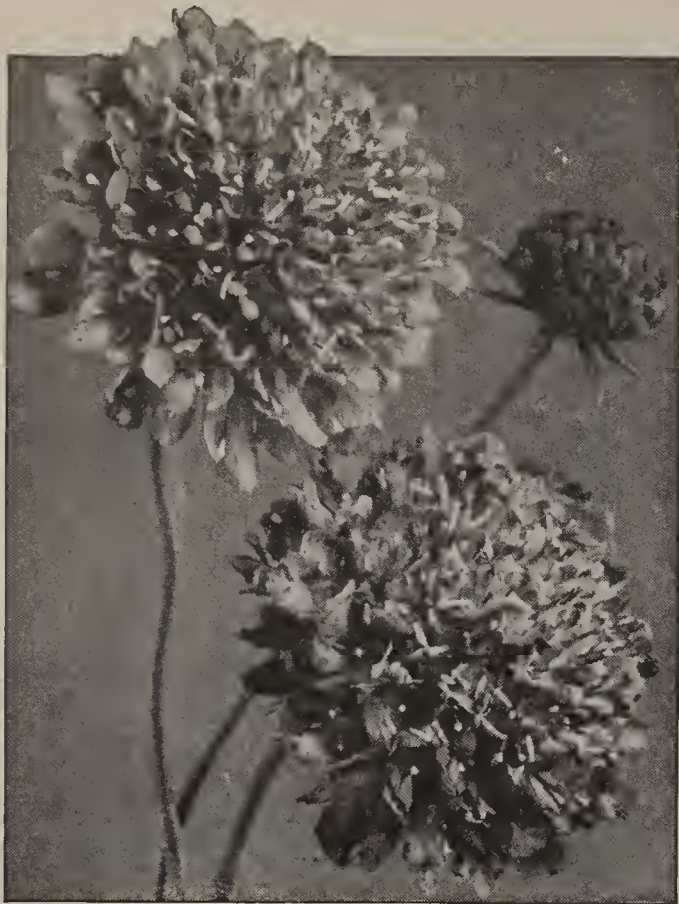
## Scabiosa, New Orchid Shades. NOVELTY

A mixture of orchid shades which makes this a very high-class florists' variety. The blooms are extra large and are produced in quantities on strong, wiry stems. Trade pkt. 40c.; \$2.50 per oz.



Petunia, Dwarf Giants of California

The Fantasy Zinnias just don't seem real, they're so different



Scabiosa, Rosette

### New Scabiosa, Rosette

A large-flowering type in a beautiful shade of deep rose, heavily suffused salmon. Flowers are of elegant form and carried on long, stiff stems. Fine for cutting. Trade pkt. 30c.; \$1.50 per oz.

### Double Giant Stock, Excelsior Rose-Pink

ALL-AMERICA WINNER

This is the popular clear rose-pink which florists and the public admire and want so much in Stocks. It is now available for the first time in a Column Stock. The double florets are huge, 2½ inches across, closely packed on the long, strong spikes. It is a true Column Stock. ½ trade pkt. 60c.; \$1.00 per trade pkt.; ¼oz. \$1.50.

### Stocks, Giants of California

This magnificent new group of Stocks is so marked in improvement that we believe they will head the list in florists' forcing Stocks in the very near future. Giants of California are very early flowering, with a high percentage of double mammoth flowers, and have the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 2½ to 3 feet. We can with confidence recommend this strain to the florist grower.

<b>Golden Gate.</b> Clear golden yellow.	<b>Santa Maria.</b> Pure white.
<b>Monterey.</b> Bright pink.	<b>Tahoe.</b> Lavender.
<b>Pacific.</b> Light blue.	<b>Yosemite.</b> Rose.
<b>Redwoods.</b> Brilliant blood-red.	<b>Splendid Mixture.</b>
<b>Santa Barbara.</b> Chamois.	

All varieties and Mixed, ½ trade pkt. 30c.; 50c. per trade pkt.; ¼oz. \$1.00; \$3.50 per oz.

### Stock, New Super-Giant Imperial

This new group is a select strain for florists' use. The plants are base branching and produce 12 to 15 huge flower-spikes. Individual florets measure 2 inches or more in diameter.

<b>Dark Blue.</b> A new shade.	<b>Roselight.</b> Bright rose.
<b>Rose Charm.</b> Rich deep rose.	

½ trade pkt. 40c.; 75c. per trade pkt.; oz. \$4.50

### New Early-flowering Spencer Sweet Pea Delicious

This splendid new early-flowering variety is a lovely new color, being a shade of pale salmon and cream, delightfully blended together. The flowers are huge, and the habit and length of stem are everything a good Sweet Pea should have. Oz. \$1.00; \$3.50 per ¼lb.

### New Summer-flowering Sweet Pea, Maytime

Huge individual flowers with four and five to a stem. The color is a rich golden cerise. Oz. 75c.; \$2.50 per ¼lb.

### New Summer-flowering Sweet Pea Golden Dragon

Very large duplex-flowered orange. The standard is a vivid orange, while the wings shade to a deeper, softer orange-rose. Oz. 75c.; \$2.50 per ¼lb.

### Verbena, Crimson Glow. 1938 Novelty

This is the finest and deepest red shade available in this popular garden flower, a rich glowing crimson. The plants are a solid mass of growth, making this variety an excellent addition for bedding or borders. Trade pkt. 50c.; \$3.00 per oz.

### Verbena hybrida grandiflora, Apple Blossom

The flowers of this variety are a delicate cameo-pink—a delightful new color in Verbenas. Individual florets are large and the flower-heads measure 4 to 5 inches across. The plant normally measures about 2 feet in diameter. This variety is very floriferous and comes 99 per cent true to color. Trade pkt. 40c.; \$2.50 per oz.

### Zinnia, Fantasy, Star Dust ALL-AMERICA WINNER

This informal Zinnia will be welcomed with enthusiasm. Its shaggy-petaled, medium-sized flowers are a rich, deep golden yellow. The plants grow 2½ to 3 feet high. Very free flowering and early blooming. Comes true from seed. Trade pkt. 40c.; \$2.00 per oz.

### Zinnia, Gaillardia-flowered NOVELTY

This is another of the newer types of Zinnias, the flowers of which strongly resemble the double *Gaillardia picta*. The plants grow to a height of 1½ to 2 feet, are free flowering, and the blooms come in a color-range of many delightful combinations. Trade pkt. 25c.; \$1.00 per oz.

### Zinnia, Lilliput

**Pastel Mixture.** In response to popular demand, we are pleased to offer this new mixture, composed solely of delicate shades not found in the ordinary mixed type. Trade pkt. 20c.; 75c. per oz.

**Tom Thumb.** A new dwarf, compact variety, growing 6 to 10 inches high. The blooms come in a fine range of bright colors. Excellent for potting or borders. Trade pkt. 30c.; \$1.50 per oz.

### Zinnia, Scabious-flowered Autumn Tints, Mixed NOVELTY

This new strain, which has been named Autumn Tints, is perfect in form of flower and comes true. The real beauty, however, is in the lovely coloring of the flowers, which range through all the autumn tints and include orange, bronze, russet, dull red, carmine-red, and intermediate shades. Fine for cut-flowers, having long stems and keeping well. Trade pkt. 50c.; \$2.50 per oz.



Zinnia, Fantasy, Star Dust



# Michell's "Distinctive" Flower Seeds

"Distinctive" Strains of Flower Seeds for the florist are one of our specialties and no trouble or expense is spared in our endeavor to supply only the best and most improved strains, from both home and foreign growers.

For full descriptions, see our Retail Catalog, a copy of which will be mailed free upon application.

**NOTE**—Half trade packets are supplied only where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1/3 per cent from our Retail Catalog prices.

On all Flower Seeds quoted in this Catalog there is no extra charge for Parcel Post, except for Registry or Insurance.

Varieties marked \* are especially suitable for rock-gardens

## SEEDS OF ANNUALS AND GREENHOUSE PLANTS

Seeds of Hardy Perennials are offered on pages 27 to 32

Fractions of ounces are supplied as follows:				
Where price per oz. is	Where price per oz. is	1/2oz.	1/4oz.	
\$0 25	Where price per ounce is 50c. or less, half-ounces can be supplied at a slight increase in prices.	\$0 40	\$0 25	
30		50	30	
35		65	35	
40		75	45	
50		90	50	
		1 00	60	
		1 15	65	
60		1 25	70	

### Abutilon • Flowering Maple

**Choicest Mixed**.....1/8oz. \$1.25..\$0 50 Trade pkt. Oz.

### Acroclinium • Everlasting

Excellent for cutting when fresh, or for winter bouquets.

**Double Mixed**..... 15 \$0 40

### Agathaea

**Coelestis.** Blue Daisy; Blue Marguerite. Greenhouse perennial with beautiful blue flowers. 3 ft..... 25 1 25

### Ageratum • Floss Flower

Excellent bedding plants. Seed should be sown early for good-sized plants for spring sales. Trade pkt. Oz. 1/4lb.

**FAIRY PINK.** 1938 Novelty. This new Ageratum is a delightful soft salmon-rose-pink color. Habit of plant dwarf and compact. Commences to bloom when the plants are 1 1/2 to 2 inches high. The maximum height is 5 inches. . 1/8oz. \$1.50..\$0 75

**MICHELL'S BLUE BOY.** Novelty. Extra dwarf. This Michell's Strain is the result of many years' careful selection. Plants compact and very dwarf, about 4 inches high. Growth uniform and plants are almost completely smothered with flowers of the richest shades of blue..... 50 \$3 50

**Blue Cap.** A fine dwarf variety, very compact, with flowers larger than Little Blue Star and deeper in color..... 50 2 50

**\*Blue Ball.** Very large, blue flowers. Dwarf.... 20 75

**Blue Perfection.** Best dark blue. Fine for cutting. 1 ft..... 15 60 \$2 00

**Little Blue Star.** Very dwarf. Bright blue..... 40 2 00

**Imperial Dwarf Blue.** 8 in..... 15 50 1 75

**Imperial Dwarf White.** 8 in..... 15 50 1 75

**Imperial Dwarf Mixed**..... 15 40 1 40

### Alyssum

**\*MICHELL'S BOUQUET.** Our specially selected strain is the finest dwarf type obtainable. Plants form perfect bouquets of miniature white flowers. Fine for growing in pots and a real gem for edging. Superior to all existing types..... 20 75 2 75

**Lilac Queen.** Dwarf and compact. Flowers lilac. 1/2lb. \$5.00.. 15 50

**Little Gem.** Our strain of this popular sort is quite distinct. Very dwarf and compact..... 15 50 1 50

**Sweet (A. maritimum).** The well-known, fragrant, white, trailing variety..... 1/2lb. \$1.00.. 20 60

### Amaranthus

**Molten Fire.** Summer Poinsettia. Very ornamental and easily grown from seed. Leaves dark bronze, center poinsettia-red. We offer seed from selected plants only.. \$0 25 \$1 50 Trade pkt. Oz.

**Sunrise.** Foliage bronzy crimson, tipped carmine..... 25 1 00

**Tricolor splendens.** Joseph's Coat. Various colors..... 15 50

**Mixed**..... 15 25

### Anagallis

**Grandiflora.** Deep rich blue. 9 in..... 15 50

### Anchusa

**Blue Bird.** A new variety with bright indigo-blue blooms. Dwarf..... 15 50

**Capensis.** Blue..... 15 40

### Arctotis • Lilac African Daisy

**Grandis.** Large, daisy-like flowers, pure white on the upper surface, reverse side of petals lilac. Good florists' cut-flower. 3 ft..... 15 50

### Asparagus

#### Plumosus nanus

This has been one of our specialties for many years. Our seeds are of high germination and will produce extra-fine stock.

Greenhouse-grown Seeds.

100 seeds.....\$0 40	5,000 seeds.....\$11 00
1,000 seeds..... 2 50	10,000 seeds..... 20 00

Lathouse-grown Seeds.

100 seeds.....\$0 25	5,000 seeds.....\$4 00
1,000 seeds..... 1 00	10,000 seeds..... 7 50

#### Asparagus Sprengeri

100 seeds.....\$0 25	5,000 seeds.....\$4 00
1,000 seeds..... 1 00	10,000 seeds..... 7 50

Larger quantities of Asparagus seed quoted on application.



Alyssum, Michell's Bouquet

# Michell's "Distinctive" Antirrhinums

## Rustproof Antirrhinum · Snapdragon

We are glad to announce that, after years of intensive work in an attempt to produce a strain of rustproof Antirrhinums, success has finally been achieved. This strain has proved noteworthy under extensively wet outdoor conditions; they have stood the tests and are better than 75 per cent rustproof. For growing outdoors for cutting or bedding, they will prove excellent. Each plant produces from 15 to 18 spikes, which are nonlateral, with flower-heads 10 to 14 inches long. They are of vigorous growth, with broad, dark green foliage and are practically immune from rust.

### New Rustproof Varieties

**MICHELL'S NEW IMPROVED RUSTPROOF, CHEVIOT MAID SUPREME.** We are proud to introduce this splendid new Snapdragon, which we believe to be the first rustproof in the forcing types. The color is a rich coral-rose and the non-shattering, large florets are closely set on heavy spikes with good, wiry stems. This variety will prove equally good for outdoor cut-flowers as well as greenhouse forcing. Trade pkt. 75c.; \$2.00 per 1/4oz.

### SUPER MAJESTIC

This new group is superb for cutting or for bedding, and we believe it will also prove to be excellent for greenhouse culture.

**Rose Sensation.** 1938 Novelty. The richest and finest rose-pink Snapdragon to date. Blooms are huge, both tube and flower being one solid color. The trusses are immense and the florets closely set. Trade pkt. 50c.; \$1.00 per 1/8oz.

	Trade pkt.	Oz.
<b>Dainty.</b> Delightful soft pink.....	\$0 50	\$3 50
<b>Crimson Shades.</b> Garnet and ruby shades.....	50	3 50
<b>Orange Shades.</b> Orange and gold shades.....	50	3 50
<b>Rose Shades.</b> Shades of rose-pink.....	50	3 50
<b>Superb Super Majestic Mixture</b> .....	50	3 00

### MAXIMUM RUSTPROOF ANTIRRHINUMS

<b>Swingtime.</b> 1938 Novelty. A lovely new color combination—soft rose-pink with white tube. One of the loveliest varieties we have ever seen..... 1/8oz. \$1.00..	50	
<b>Yellow Giant.</b> 1938 Novelty. A striking deep yellow of a very bright shade and a good florists' cut-flower proposition. The stems are wiry, the individual flowers large and closely set in huge trusses of bloom..... 1/8oz. \$1.00..	50	
<b>Campfire.</b> A new color in Antirrhinums, being a pure luminous scarlet, free from orange or bluish tinges.....	30	2 00
<b>Canary Bird.</b> Brilliant canary-yellow, with the flowers very closely spaced on the stem.....	30	2 00
<b>Copper Shades.</b> This variety is outstanding in the Maximum group, due to the considerable number of orange and copper shades.....	30	2 00
<b>Crimson.</b> Color pure crimson, overlaying a ground of orange, giving the effect of a fiery crimson. Foliage and stem dark plum-color. Strong grower, with huge individual flowers and flower-spikes.....	30	2 00
<b>Daffodil.</b> Two-tone daffodil-yellow.....	30	2 00
<b>Indian Summer.</b> Coppery orange and scarlet.....	30	2 00
<b>Loveliness.</b> This should become a great favorite as it is a most attractive pure soft rose-pink.....	30	2 00
<b>Shasta.</b> Pure white, and the same type flower and habit as Ceylon Court. Very early and exceedingly free flowering.....	30	2 00
<b>University of California Mixture.</b> A splendid combination of colors.....	25	1 50

### Nanum Grandiflorum, Semi-Dwarf

<b>Antique Gold.</b> 1938 Novelty. New color in this group—shades of old-gold, copper, and orange blended in a delightful combination..... 1/8oz. \$1.00..	40	
<b>Carmine-Rose.</b> Bright carmine-rose and yellow.....	25	1 00
<b>Indian Girl.</b> Brownish orange and bright yellow.....	25	1 00
<b>Red Boy.</b> Rich deep scarlet.....	25	1 00
<b>Wildfire.</b> Orange-scarlet, yellow lip.....	25	1 00
<b>Mixed.</b> A superior mixture.....	25	1 00

### Antirrhinum, Rock-Garden Hybrids

**\*Choice Mixed.** The plants are of small, compact growth, bloom very early, and are especially adapted for growing in rock-gardens. Choice mixed colors..... 50 2 50



Antirrhinum (Snapdragon)

### Antirrhinum, Giant Tall Varieties

Large flowers; spikes 2 to 3 feet in length.

	Trade pkt.	Oz.
<b>Brilliant Rose</b> .....	\$0 20	\$0 75
<b>Crimson King.</b> Rich dazzling crimson.....	20	75
<b>Golden King.</b> Golden yellow.....	20	75
<b>Harmony.</b> Orange, shaded rose.....	25	1 00
<b>Othello.</b> Rich dark maroon.....	20	75
<b>Pink Venus.</b> Flesh-pink, white tube.....	20	75
<b>Queen Victoria.</b> Pure white.....	20	75
<b>Finest Mixed</b> .....	20	60

Half trade packets can be supplied only where listed

# Annual Asters—the finest of long-lasting cut-flowers

## Antirrhinum, Semi-Dwarf Varieties

These grow about 1½ feet high and are largely used for bedding.

	Trade pkt.	Oz.
<b>Amber Queen.</b> Canary-yellow, overlaid chamois-pink...	\$0 25	\$1 00
<b>Firebrand.</b> Deep red.....	25	1 00
<b>Gloria.</b> Rich deep rose.....	25	1 00
<b>Golden Queen.</b> Bright golden yellow.....	25	1 00
<b>Nelrose.</b> Pure rose-pink.....	25	1 00
<b>Purity.</b> Pure white.....	25	1 00
<b>Mixed</b> .....	20	65

## Antirrhinum, Tom Thumb

<b>Mixed Colors.</b> These grow about 1 foot high.....	20	75
--	----	----

## Special Forcing Varieties

	½ trade pkt.	Trade pkt.	3 trade pkts.
<b>Afterglow.</b> Golden bronze.....	\$0 60	\$1 00	\$2 50
<b>Bertha Baur.</b> (Schumann.) Lavender or orchid color; fine large spikes. Original trade packets offered.....		1 50	4 00
<b>Bertha Baur.</b> (Regular Strain.).....		1 00	2 50
<b>Bezdek's New White Wonder.</b> A new, early-flowering, pure snow-white Snapdragon of outstanding merit. Free flowering, with close-set flower-heads on strong, long stems. Originator's Seed.....		2 00	5 00
<b>Captor.</b> (Breitmeyer.) Pure white; long spikes. Free flowering. Fine producer.....		1 50	4 00
<b>Celestial.</b> (Witterstaetter.) New. Early. Deep yellow.....		1 50	4 00
<b>Ceylon Court.</b> Canary-yellow.....	60	1 00	2 50
<b>Cheviot Maid Supreme.</b> An improvement on Cheviot Maid, deeper in color and longer stem.....	60	1 00	2 50
<b>Cincinnati.</b> (Witterstaetter.) Large, fragrant, light rose-pink blooms.....		1 00	2 50
<b>Coate's Yellow Perfection.</b> Medium early. Fine deep yellow.....	60	1 00	2 50
<b>Daybreak.</b> (Breitmeyer.) Strong, vigorous pink sort, identical in shade with Briarcliff rose.....		1 50	4 00
<b>Helen.</b> Lovely salmon color.....	60	1 00	2 50
<b>Improved Sunburst.</b> Color of Sunburst rose....	60	1 00	2 50
<b>Jennie Schneider.</b> True Columbia rose color... ½oz. \$1.00..		50	
<b>Judd's Early Light Pink</b> .....	60	1 00	2 50
<b>Lucky Strike.</b> The best large-flowering white to date, producing stems 3 to 4 feet long, with large, open flowers that do not drop or shatter.....	60	1 00	2 50
<b>Marion White.</b> (Schumann.) A real white. Large spike.....		1 50	4 00
<b>New Dawn.</b> (Thompson.) Golden orange—a very pleasing color.....		1 00	2 50
<b>New Deal.</b> An extra-early, fragrant, rich golden bronze.....		1 00	2 50
<b>Peggy Schumann.</b> (Schumann.) 1937 introduction. An improved Sonny. Clear bright pink, compact flower-heads; shatter proof. Strong spikes.....		2 00	5 00
<b>Philadelphia Pink.</b> Pure pink.... ¼oz. \$1.00..		50	
<b>Philadelphia Pink.</b> (Originator's Stock.)..... 6 trade pkts. \$5.00..		1 00	
<b>Radiance.</b> (Thompson.) Fine, large-flowering rose-pink sort.....		1 00	2 50
<b>Roman Gold.</b> Deep golden yellow, suffused pink. ½oz. \$2.00..		75	
<b>Rose Queen.</b> Dark pink.....	60	1 00	2 50
<b>Sunset.</b> (Breitmeyer.) Beautiful golden bronze; extra-large individual flowers.....		1 50	4 00
<b>Sun Tan.</b> Rose and tan color.....	60	1 00	2 50
<b>Terry's Surprise.</b> (Improved.) Rich rose, shaded bronze. Original trade packets offered.....		2 00	5 00
<b>Terry's Surprise.</b> (Regular Strain.).....		1 00	2 50
<b>Velvet Beauty.</b> American-Beauty red.....		1 00	2 50
<b>White Prosperity.</b> A long-stemmed, clear white sort.....		1 50	4 00
<b>White Rock.</b> Extra early. Pure white..... ½oz. \$1.00..		50	
<b>Yellow Cheviot Maid.</b> (Volz.) Finest clear yellow.....		1 00	2 50
<b>Michell's Special Forcing Mixed.</b> A choice blending of special forcing varieties..... ½oz. \$1.00..		50	

Half trade packets can be supplied only where listed

## Michell's Superb Asters

We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. **Michell's "Distinctive" Quality** is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence. Our seed is selected from plants which are free from disease.

**SPECIAL NOTE.**—In growing Asters, old soil and flats should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer. We recommend the use of finely ground bonemeal. Asters should not be grown in the same location two years in succession.

## Fusarium-Wilt Resistant Strains

We take pleasure in offering the following varieties of Wilt-resistant Asters. These we believe to be practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

### NOVELTY VARIETIES

	Trade pkt.	Oz.
<b>CREGO, ENCHANTRESS.</b> 1938 Novelty. An entirely new shade in Asters—a lovely salmon-rose—one of the brightest colors yet developed. The flowers are exceptionally large, of good substance, and the plants branching and free flowering, blooming in early September....	\$0 50	\$3 00
<b>GIANT COMET, ILLUSION.</b> 1938 Novelty. Another new color in the wilt-resistant Asters. Illusion is a soft pastel shade of apricot-pink, especially fine for cutting and most effective when used in combination with some blue flower. The plants are of upright growth, about 2 feet tall, and very free flowering. This strain will bloom the latter part of August.....	50	3 00
<b>GOLDEN SHEAF.</b> The deepest yellow Aster yet introduced and the only one that is wilt-resistant. The flowers are fully double, with an attractive crest-like center, of good substance and fine depth of petal; long-stemmed and excellent shippers.....	40	1 75
<b>GIANT COMET, SALMON QUEEN.</b> Clear, pure salmon, blending to a rich golden salmon at center. The large, well-formed flowers are of the feathery Comet type on long-stemmed, early-flowering, upright plants.....	40	1 75
<b>GIANT COMET, BLUE FLAME.</b> Bright navy-blue flowers, distinct from any other blue Aster now offered, fully double, with long stems. Fine for cutting.....	40	1 75

See page 8 for other varieties



Aster, Crego, Enchantress

# Asters are the Glory of the Garden in August and September

## AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the Late Branching Aster. Plants grow about 2 to 3 feet high and commence to bloom in September, continuing until frost. Large, double flowers on long, heavy stems.

Trade pkt. Oz.		Trade pkt. Oz.	
<b>Azure Fairy</b> .....	\$0 40 \$1 75	<b>Shell-Pink</b> .....	\$0 40 \$1 75
<b>Carmine-Rose</b> .....	40 1 75	<b>White</b> .....	40 1 75
<b>Crimson</b> .....	40 1 75	<b>Mixed</b> .....	30 1 50
<b>Purple</b> .....	40 1 75		

## BALL'S

<b>Phlox Pink.</b> Light rose-pink; early flowering.....	40	1 75
<b>White.</b> Early.....	40	1 75
<b>White.</b> Late.....	40	1 75

## EARLY ROYAL BRANCHING

Trade pkt. Oz.		Trade pkt. Oz.	
<b>Azure-Blue</b> .....	\$0 40 \$1 75	<b>Rose-Pink</b> .....	\$0 40 \$1 75
<b>Lavender</b> .....	40 1 75	<b>White</b> .....	40 1 75
<b>Peach Blossom</b> .....	40 1 75	<b>Mixed</b> .....	30 1 50
<b>Purple</b> .....	40 1 75		

## HEART OF FRANCE

<b>Ruby-Red</b> .....	40	1 75
-----------------------	----	------

## MICHELL'S IMPROVED SEMPLE'S or AMERICAN BRANCHING

The finest late-blooming Aster; large double flowers on long, strong stems; the attractive form of flowers makes it one of the most valuable varieties for cutting. Our Improved Strain has been secured after many years of careful selection.

Trade pkt. Oz.		Trade pkt. Oz.	
<b>Azure-Blue</b> .....	\$0 40 \$1 75	<b>Purple</b> .....	\$0 40 \$1 75
<b>Crimson</b> .....	40 1 75	<b>Shell-Pink</b> .....	40 1 75
<b>Deep Rose</b> .....	40 1 75	<b>White</b> .....	40 1 75
<b>Lavender</b> .....	40 1 75	<b>Mixed</b> .....	30 1 50
<b>Peerless Pink</b> .....	40 1 75		

## FLOWER SEED NOVELTIES

On pages 1 to 4 our customers will find a very complete list of Novelties in Flower Seeds, including our exclusive varieties.



Aster, California Market, Tall Giant Single-flowered

## IMPROVED CREGO ASTERS

Flowers gigantic in size, often 5 inches across, and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum.

Trade pkt. Oz.		Trade pkt. Oz.	
<b>Crimson</b> .....	\$0 40 \$1 75	<b>Shell-Pink</b> .....	\$0 40 \$1 75
<b>Deep Rose</b> .....	40 1 75	<b>Violet</b> .....	40 1 75
<b>Lavender</b> .....	40 1 75	<b>White</b> .....	40 1 75
<b>Purple</b> .....	40 1 75	<b>Mixed</b> .....	30 1 50

## IMPROVED QUEEN OF THE MARKET

This well-known, early-flowering variety is of branching habit, bearing large flowers on long stems. It commences to bloom in July.

Trade pkt. Oz.		Trade pkt. Oz.	
<b>Crimson</b> .....	\$0 40 \$1 75	<b>Peach Blossom</b>	
<b>Dark Blue (Purple)</b>	40 1 75	<b>(Blush-Pink)</b> .....	\$0 40 \$1 75
<b>Light Blue (Lavender)</b>	40 1 75	<b>White</b> .....	40 1 75
<b>Rose-Pink</b> .....	40 1 75	<b>Mixed</b> .....	30 1 50

## Regular Strains

### NEW SUPER GIANTS

A marvelous California Giant late type. Flowers are not only very large but most artistic, due to the unusual curling and interlacing of the petals. No disbudding is necessary, due to the non-lateral habit.

Trade pkt. Oz.	
<b>Giant El Monte.</b> Brilliant crimson.....	\$0 40 \$2 00
<b>Giant Los Angeles.</b> Pure shell-pink.....	40 2 00

### CALIFORNIA GIANT

A fine variety with flowers of the Crego type and with the habit of growth and long stems of the Beauty type. The large flowers stand up well when shipped as cut-flowers and are very attractive when arranged in floral work.

Trade pkt. Oz.		Trade pkt. Oz.	
<b>Dark Purple</b> .....	\$0 40 \$2 25	<b>Peach Blossom</b> .....	\$0 40 \$2 25
<b>Deep Rose</b> .....	40 2 25	<b>White</b> .....	40 2 25
<b>Light Blue</b> .....	40 2 25	<b>Mixed</b> .....	40 2 00

### IMBRICATED POMPON

An early-flowering, upright-growing type with plants 12 to 14 inches high that bear numerous small, round, cushion-centered flowers. Excellent for pots and cutting.

Trade pkt. Oz.		Trade pkt. Oz.	
<b>Crimson</b> .....	\$0 40 \$2 25	<b>Violet</b> .....	\$0 40 \$2 25
<b>Light Blue</b> .....	40 2 25	<b>White</b> .....	40 2 25
<b>Rose</b> .....	40 2 25	<b>Mixed</b> .....	30 2 00

### NEW GIANT PEONY-FLOWERED

This is an exceptionally fine strain. The flowers are of immense size, very double, and borne on long, stout stems, quite free from laterals. They are good shippers and keep longer after cutting than any other Aster.

Trade pkt. Oz.	
<b>Azure Fairy.</b> Clear azure-blue.....	\$0 40 \$2 25
<b>Maiden's Blush.</b> Delicate flesh-color.....	40 2 25
<b>Purple Robe.</b> Clear purple.....	40 2 25
<b>Rosebud.</b> Deep rose.....	40 2 25
<b>Swansdown.</b> Pure white.....	40 2 25
<b>Mixed</b> .....	40 2 25

### CALIFORNIA MARKET, TALL GIANT SINGLE-FLOWERED

This tall single giant type is a fine florists' cut-flower variety and is used quite extensively in the cut-flower market in southern California.

Trade pkt. Oz.	
<b>Appleblossom.</b> Flesh-pink.....	\$0 25 \$1 00
<b>Glare of the Garden.</b> Scarlet.....	25 1 00
<b>Lavender</b> .....	25 1 00
<b>Rose</b> .....	25 1 00
<b>Violet</b> .....	25 1 00
<b>White</b> .....	25 1 00
<b>Mixed</b> .....	25 1 00

### SINGLE GIANT CALIFORNIA SUNSHINE

This supremely beautiful new race of Asters is the result of a direct cross between California Giant and the Dwarf Sunshine type. The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description; the quilled discs are lighter than the guard petals and as the flowers age the lemon centers turn to the color of the outer petals. We highly recommend this lovely Aster.

Trade pkt. Oz.		Trade pkt. Oz.	
<b>Lavender</b> .....	\$0 40 \$3 00	<b>White</b> .....	\$0 40 \$3 00
<b>Rose</b> .....	40 3 00	<b>Mixed</b> .....	30 2 50
<b>Shell-Pink</b> .....	40 3 00		

# Try some of the Novelties this year. They're different

## Balloon-Vine • *Cardiospermum*

**Halicacabum.** A very pretty climber.....Oz. 1/4lb.  
\$0 15 \$0 50

## Balsam • Lady Slipper DOUBLE BUSH-FLOWERED

A new type growing 6 to 8 inches tall, very compact, and literally covered with double flowers.

	Trade pkt.	Oz.	1/4lb.
<b>Torch. New.</b> A brilliant vermilion-red. Very showy.....	\$0 40	\$3 50	
<b>Choice Mixed</b> .....	30	2 50	

**Camellia-flowered, Choice Mixed**..... 15 40 \$1 50

## Balsam-Apple • *Momordica*

**Balsamina.** Orange fruit.....Trade pkt. Oz.  
\$0 15 \$0 30

## Begonia *semperflorens*

As bedding plants there is nothing more satisfactory; also fine as pot-plants. Seeds sown in January make excellent flowering plants in May.

**DARLING.** The plants are of ball shape and dwarf habit, growing approximately 8 inches high. Flowers are large and of a very brilliant carmine-rose. This variety is most effective for beds and borders and is also well adapted for growing in pots. **Originator's Stock.** 1/2 trade pkt. 75c.; \$1.25 per trade pkt.

	Trade pkt.	1/2oz.	3/2oz.
<b>Albert Martin.</b> Bright carmine.....	\$0 50	\$1 00	
<b>Christmas Cheer.</b> An excellent variety for growing in pots. Bright crimson-scarlet. Fine for Christmas forcing.	50	1 50	
<b>Erfordia.</b> Pink.....	50	1 00	
<b>Gloria of Erfurt.</b> (Improved.) Large; rosy carmine.....	1 00	3 00	
<b>Glow.</b> Dark red flowers. Foliage light bronze. Very free blooming and of extremely compact growth. <b>Originator's Stock</b> .....	75	2 50	
<b>Gustav Knaake.</b> Large-flowering pink, with salmon shadings. Fine for pot-culture.....	50	1 50	
<b>Salmon Queen.</b> Salmon-red.....	50	1 50	
<b>Vernon.</b> Deep red.....1/16oz. 50c....	30		
<b>Choice Mixed</b> .....Oz. \$3.50..	30		

## Begonia *gracilis*

This type produces very compact little plants that are literally covered with flowers. An easy seller.

	Trade pkt.	1/2oz.	3/2oz.
<b>Alba.</b> Pure white.....	\$0 25	\$0 50	
<b>Carmen.</b> Bright pink flowers. Bronze foliage. 1/64oz. \$2.00..	1 00		
<b>Dwarf Luminosa.</b> Extra dwarf. Scarlet flowers. Bronze foliage.....1/64oz. \$2.50..	1 00		
<b>Indian Maid.</b> A fine variety with bright, deep scarlet flowers and dark bronze foliage—an attractive combination. ....1/64oz. \$2.00..	1 00		
<b>Luminosa.</b> Fiery dark scarlet.....	50	1 50	
<b>Prima Donna.</b> Rose, shading to carmine.....	50	1 50	
<b>Rosea.</b> Pink.....	25	50	
<b>White Pearl.</b> Rich, fine white flowers.....	50	1 50	

## Begonias, Tuberous-rooted

These are easily raised from seed, produce enormous flowers, and are excellent for bedding, window-boxes, or pot-culture.

	Trade pkt.
<b>Single, Mixed</b> .....1/32oz. \$3.00..	\$1 00
<b>Double, Mixed</b> .....1/64oz. \$5.00..	1 00

## Browallia

	Trade pkt.	Oz.
<b>Elata.</b> Blue. 1 1/2 ft.....	\$0 20	\$0 75
<b>Speciosa (major).</b> Most desirable variety as a pot- or basket-plant. Rich blue flowers.....1/16oz. \$1.00..	50	
<b>Viscosa Compacta, Sapphire.</b> Dark blue, white eye....	50	
	1/16oz. \$1.00..	

## Calceolaria

A most decorative pot-plant which finds ready sale if well grown. The strains we offer cannot be excelled.

	1/2 trade pkt.	Trade pkt.	1/4oz.
<b>Albert Kent Hybrids.</b> An excellent English variety for either greenhouse culture or outdoors. Flowers medium in size and produced in large, graceful clusters in an excellent mixture.....	\$0 60	\$1 00	\$2 25
<b>Cloth of Gold.</b> Medium-large flowers of pure golden yellow.....	1 00	3 00	
<b>Feltham Glory.</b> An attractive variety of fairly dwarf, compact habit with flowers in a splendid color-range from bright scarlet to pure yellow, in self and spotted forms.....	1 00		

## CALCEOLARIA, continued

<b>Golden Tiger.</b> Novelty. A new Multiflora nana 1/2 trade type. Bright golden yellow flowers, spotted brownish red. Blooms are produced in masses that completely cover the plant, making it a splendid pot-plant for florists' use.....	Trade pkt.	Trade pkt.	1/4oz.
			\$1 00
<b>Hybrida grandiflora.</b> A choice, large-flowering, tall-growing mixture.....	\$0 60	1 00	\$2 00
<b>Hybrida grandiflora compacta.</b> An attractive tigered and spotted mixture. Dwarf growing... 60	1 00	2 00	
<b>Hybrida multiflora nana.</b> A fine free-flowering type, with average-size blooms about 1 1/2 inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft.... 60	1 00	4 25	
<b>Kelway's Perfect Model.</b> (Originator's Stock.) A very beautiful variety of the large-flowering type, containing a fine range of shades and markings, self-spotted, brownish and prettily striped.	1 00	2 50	

## Calendula • Pot Marigold

Raised extensively as a pot-plant or for bedding; also for cutting.

	Trade pkt.	Oz.	1/4lb.
<b>MICHELL'S SUNBEAMS.</b> An exclusive Michell's 1938 Novelty. This is a very choice florists' cut-flower—an exquisite blending of many delightful shades and color combinations, ranging from pale cream to deep orange. The flowers are of various types and forms, with extra-long stems which make them excellent for cutting.....1/4oz. 60c....	\$0 40	\$2 00	
<b>Ball Apricot.</b> Straw-color, with brown center.. 1/4oz. 60c....	40	2 00	\$6 50
<b>Ball Gold.</b> An extra long-stemmed, deep golden yellow.....1/4oz. 60c....	40	2 00	6 50
<b>Ball Lemon Queen.</b> Medium deep yellow, with an attractive dark brown center... 1/4oz. 60c....	40	2 00	6 50
<b>Ball Long Orange.</b> Long-stemmed; orange with light center.....1/4oz. 60c....	40	2 00	6 50
<b>Ball Orange.</b> Large, double, glowing orange flowers on long stems.....1/4oz. 60c....	40	2 00	6 50
<b>Ball Supreme.</b> Cadmium-orange, dark brown center.....1/4oz. 60c....	40	2 00	6 50
<b>Orange Shaggy.</b> This new variety is a distinct break in Calendulas. Petals long and deeply fringed or lacinated, deep orange, shading to slightly lighter orange.....	20	60	1 75
<b>Chrysantha, Sunshine.</b> Clear buttercup-yellow, long, loosely arranged petals, which give the flower the appearance of a chrysanthemum. Fine cutting variety.....	20	60	1 75
<b>Campfire (Sensation).</b> Brilliant orange with scarlet sheen; yellow center.....1/4oz. 60c....	40	2 00	6 50
<b>Radio.</b> A distinct new break. Flowers full, petals quilled; rich glowing orange.....	20	60	1 75
<b>Michell's Special Forcing, Orange.</b> An extra-fine strain. Large, orange-yellow flowers.....	30	1 00	3 00
<b>Lemon King</b> .....1/2lb. \$1.00..	15	25	60
<b>Orange King</b> .....1/2lb. \$1.00..	15	25	60
<b>Mixed</b> .....1/2lb. \$1.00..	20	60	



Calendula, Campfire

# Garden Carnations now equal the florists' kinds

## Calliopsis, Annual Varieties

**GOLDEN CREST.** Award of Merit, 1938 All-America Seed Selections. This is an excellent improved large-flowering annual Calliopsis. The color is a rich orange-yellow or gold, with brown center. Many of the flowers have a double row of petals. Very free flowering, with stems 12 inches long. Excellent for cutting, and has a pleasing fragrance. Trade pkt. 25c.; 75c. per oz.

	Trade pkt.	Oz.
<b>Golden Wave</b> ( <i>C. Drummondii</i> ). Golden yellow.....	\$0 15	\$0 25
<b>Tinctoria splendens.</b> Golden yellow, brown center; extra-large flowers.....	15	30
<b>Dwarf Mixed</b> .....	15	30
<b>Tall Mixed</b> .....	15	30

## Campanula • Bellflower

### NEW ANNUAL SINGLE

New annual Canterbury Bells which bloom from seed in less than six months. The plants grow from 2 to 2½ feet high and each plant produces from 6 to 8 spikes of bloom. Trade pkt. Oz.

<b>Blue Bell.</b> Another new color in a beautiful Cambridge blue shade. The large flowers are borne on long, strong spikes.....	\$0 25	\$1 25
<b>Mission Bell.</b> This new variety is a beautiful clear pink in color. Fine large spikes of blooms that are most attractive.....	25	1 25
<b>Wedding Bells.</b> Pure white blooms in fine large spikes..	25	1 25
<b>Choice Mixture.</b> Blue, pink and white shades.....	25	1 00

## Canary-Bird Vine • Tropaeolum

<b>Canariense.</b> Flowers bright canary-yellow. A fine climber for shade.....	Oz. \$0 25	¼lb. \$0 75
--	------------	-------------

## Canna • Indian Shot

If sown early, seedlings will bloom in June.

<b>Crozy's Dwarf Mixed.</b> A mixture of the finest sorts.....	Trade pkt. \$0 20	Oz. \$0 60
--	-------------------	------------

## Cardinal Climber • Ipomoea

<b>Quamoelit.</b> Rapid-growing annual climber, bearing a profusion of cardinal-red flowers. In order to have good germination, a small notch should be filed or cut in each seed.....	20	75
--	----	----

## Carnation, Annual Varieties

The Chabaud and Marguerite varieties bloom early in summer and continue until frost. Excellent for cutting.

**Rasse Teicher.** A new annual European variety, producing extraordinarily large blooms in a fine range of colors. Excellent for cutting. Choice mixture. Trade pkt. 75c.; ¼oz. \$1.50.

<b>Chabaud's Everblooming.</b>	Trade pkt.	Oz.
<b>Jeanne Dionis.</b> White.....	\$0 40	\$2 00
<b>Marie Chabaud.</b> Yellow.....	40	2 00
<b>Sparkler.</b> Cardinal-red.....	40	2 00
<b>The Pearl.</b> Rose-pink.....	40	2 00
<b>Choice Mixed</b> .....	30	1 25
<b>Marguerite, Choice Mixed</b> .....	25	1 25



Candytuft, Michell's Giant White

## Candytuft • Iberis

Excellent edging plants and also valuable for cutting.

**MICHELL'S GIANT WHITE.** This giant variety, which produces immense pure white spikes of bloom, is a very much superior strain. Individual bracts are large and the plants of strong, robust habit. The best strain for forcing under glass for cutting and for pot-culture. Trade pkt. 20c.; 75c. per oz.; ¼lb. \$2.25; \$4.00 per ½lb.; lb. \$7.50.

**\*Miniature Gem** (Hyacinth-flowered). A dainty miniature variety, 3½ inches in height, each plant producing from 4 to 6 spikes of pure white flowers. Perfect "miniature gem" for the rock-garden. Originator's Stock. Trade pkt. 20c.; 75c. per oz.

	Trade pkt.	Oz.	¼lb.	Lb.
<b>Carmine</b> .....	\$0 15	\$0 40	\$1 10	\$3 60
<b>Crimson</b> .....	15	40	1 10	3 60
<b>Empress</b> (Hyacinth-flowered). Large white.....	15	30	1 00	3 25
<b>Lavender</b> .....	15	40	1 10	3 60
<b>Pink.</b> Flesh-color.....	15	40	1 10	3 60
<b>Purple</b> .....	15	40	1 10	3 60
<b>Rose-Cardinal.</b> Brilliant rosy red.....	15	50	1 50	4 50
<b>Mixed.</b> All colors.....	15	25	75	2 25

## Celosia

### CRISTATA OR COCKSCOMB

These are in demand for beds and borders, also for pots.

	Trade pkt.	Oz.
<b>Giant Empress.</b> Dwarf. Bright crimson. Dark foliage.....	\$0 30	\$1 50
<b>Choice Mixed.</b> Dwarf sorts.....	25	1 00

### PLUMOSA OR FEATHERED

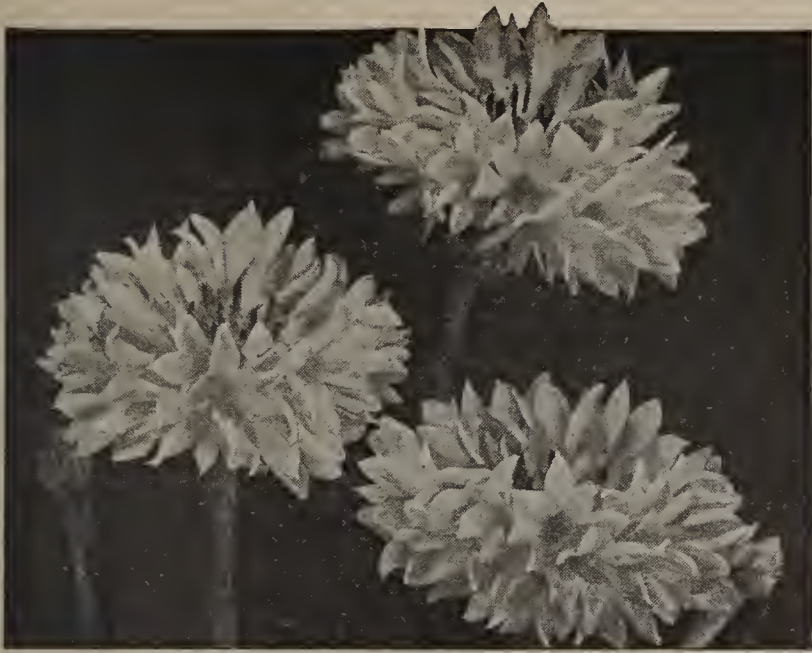
A fine decorative plant for the garden; also excellent for cutting.

	Trade pkt.	Oz.
<b>Pyramidalis, Improved Flame of Fire.</b> This new type is, without doubt, the finest in the Pyramidalis group. Plants perfectly pyramidal in shape, 1½ feet high. Flowers brilliant crimson.....	¼oz. \$1.00.	\$0 40
<b>Heatherdell.</b> Large trusses of beautifully feathered and interlaced plumes in a fine range of red, pink and yellow shades, mixed. Especially adapted for pot-culture.....	1/4oz. \$1.25..	50
<b>Golden Plume.</b> Deep golden yellow.....	15	\$0 50
<b>Lilliput, Fire Feather.</b> An extra-select dwarf strain; color brilliant orange-red.....	¼oz. \$1.00..	40
<b>Lilliput, Golden Feather.</b> Same type as above, with bright golden yellow flowers.....	¼oz. \$1.00..	40
<b>Pride of Castle Gould, Mixed</b> .....	40	2 50
<b>Scarlet</b> .....	15	60
<b>Choice Mixed</b> .....	15	50



Celosia pyramidalis, Improved Flame of Fire

# Double Cornflowers are favorite flowers everywhere



*Centaurea cyanus*. Special Florists' Strain

## Centaurea

### Cyanus • Cornflower

Free-flowering annuals that are very popular for cutting.

**SPECIAL FLORISTS' STRAIN.** We offer the following improved Cornflowers, the blooms of which are large, fully double, with clear colors and long stems, making this strain an extra-fine one for florists' cut-flower purposes.

	Trade pkt.	Oz.	1/4lb.	Lb.
<b>Blue Boy.</b> Deep cornflower-blue.....	\$0 15	\$0 50	\$1 50	\$5 00
<b>Pinkie.</b> Clear deep pink.....	15	50	1 50	5 00
<b>Red Boy.</b> The best deep red.....	15	50	1 50	5 00
<b>Snow Man.</b> Pure white.....	15	50	1 50	5 00
<b>Jubilee Gem.</b> Novelty. This new dwarf type is very free flowering, making it fine for pots or borders. 1 ft.....	40	2 00		
<b>Double Blue.</b> Special Strain. Fine for forcing.....	15	40	1 25	4 25
<b>Double Rose-Pink</b> .....	15	40	1 25	4 25
<b>Double Rosy Red</b> .....	15	40	1 25	4 25
<b>Double White</b> .....	15	40	1 25	4 25
<b>Double Mixed</b> .....	15	25	75	2 50

### Imperialis • Giant Cornflower; Sweet Sultan

Large, sweet-scented flowers, fine for cutting.

	Trade pkt.	Oz.	1/4lb.
<b>Brilliant Pink</b> .....	\$0 20	\$0 60	\$2 00
<b>Deep Rose</b> .....	20	60	2 00
<b>Lavender</b> .....	20	60	2 00
<b>Lilac</b> .....	20	60	2 00
<b>Purple</b> .....	20	60	2 00
<b>Yellow</b> ( <i>C. suaveolens</i> ).....	20	60	2 00
<b>White</b> .....	20	60	2 00
<b>Choice Mixed</b> .....	15	50	1 50

### White-leaved • Dusty Miller

Excellent for borders, vases, baskets, etc.

	Trade pkt.	Oz.
<b>Candidissima.</b> Broad cut, silvery gray foliage.....	\$0 30	\$1 50
<b>Gymnocarpa.</b> Fine cut, silvery foliage.....	15	50

### OTHER VARIETIES

<b>Americana.</b> Handsome large flowers. Lilac-purple.....	1/4lb. \$1.50..	15	50
<b>Americana alba.</b> Pure white.....	1/4lb. \$1.50..	15	50

### Cheiranthus

<b>*Allioni.</b> Siberian Wallflower. A biennial but best treated as an annual. Spikes of brilliant orange flowers. Very effective in the rockery.....	15	40
--	----	----

### Chinese Woolflower • Celosia Childsi

**Childsi.** Very effective for beds and borders. Ball-shaped flowers, resembling silky wool.

	Trade pkt.	Oz.
<b>Crimson</b> .....	\$0 25	\$1 25
<b>Pink</b> .....	25	1 25

## Annual Chrysanthemum

The following single sorts are of very easy culture and fine for cutting.

	Trade pkt.	Oz.
<b>Burridgeanum.</b> White, zoned scarlet and yellow.....	\$0 15	\$0 35
<b>Purpleum.</b> Deep purple, yellow zone.....	15	35
<b>Eastern Star.</b> Primrose, brown eye.....	15	35
<b>Evening Star.</b> Rich golden yellow.....	15	35
<b>Morning Star.</b> Canary-yellow.....	15	35
<b>Northern Star.</b> Giant white, yellow eye.....	15	35
<b>Single Mixed</b> .....	15	25
<b>Double Mixed</b> .....	15	25

## Michell's Cinerarias

### CREMER'S PRIZE STRAIN. Wilt-resistant

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors. Original trade pkt. \$1.50; \$4.00 for 3 pkts.; 1/3oz. \$4.00; \$8.00 per 1/16oz.

### WEISSENSEER (White Sea). A Multiflora Variety

A new Cineraria with flowers almost twice as large as the regular Multiflora nana strain. It comes in a fine range of blue, rose and red shades, with each individual flower having a decided white-zoned center. The plant is small-leaved and of dwarf habit. A distinct variety and a most attractive pot-plant. Originator's Stock seed only. 1/2 trade pkt. 75c.; \$1.25 per trade pkt.; 1/3oz. \$5.00.

### MULTIFLORA NANA

#### Potsdam and Berlin Market Strain

Very dwarf and compact. Large flowers produced in 1/2 trade great profusion and in a range of fine colors.

<b>Mixed Colors</b> .....	1/3oz. \$2.50..	\$0 60	\$1 00
---------------------------	-----------------	--------	--------

### MULTIFLORA GRANDIFLORA MAXIMA

This new Hybrid is a cross between Multiflora nana and Grandiflora. Individual florets measure 2 to 3 inches in diameter and are produced in quantities of 100 blooms and over to the plant. We offer it in mixed colors only. 1/2 trade pkt. 60c.; \$1.00 per trade pkt.; 1/3oz. \$4.00.

### HOWARD & SMITH'S STRAIN

A fine strain of large-flowering, Hybrida grandiflora, large-leaved type, grown by a California specialist. Trade pkt. \$1.00; \$3.00 per 1/3oz.

### GRANDIFLORA PRIZE STRAIN

Produces immense trusses of large flowers often measuring 4 inches across. Makes exceedingly decorative pot-plants. 1/2 trade

	Trade pkt.	Trade	1/3oz.
<b>Dwarf, Mixed</b> .....	\$0 60	\$1 00	\$2 50
<b>Medium Tall, Mixed</b> .....	60	1 00	2 50
<b>Stellata hybrida, Mixed.</b> Tall.....		50	1 00

### Cineraria maritima candidissima • Dusty Miller

White-leaved foliage plant much in demand for bedding, vases, baskets, etc. Trade pkt. 15c.; 40c. per oz.



Cineraria, Cremer's Prize Strain

# Have you tried the Early-flowering Cosmos?



Cosmos, Sensation

## Cosmos

### SENSATION • NOVELTY

A new early, giant-flowering variety. Blooms large—4 to 6 inches across. Height 6 feet. Colors mixed, pink and white. Trade pkt. 30c.; \$1.00 per oz.

### ORANGE FLARE (BODGER) • NOVELTY

This strain comes into full bloom in less than four months from sowing. Vivid orange blooms with attractive light green foliage. Trade pkt. 20c.; 75c. per oz.

### EARLY-FLOWERING VARIETIES

Begins blooming as early as July and continues until frost. The new double-flowering strains are very popular with the florists for cutting.

<b>Extra-Early Express Pink.</b> An early, dwarf variety, 2 to 3 feet high, that blooms in 45 to 50 days after sowing the seed. Plants are covered with medium-sized, bright pink flowers	Trade pkt. 20	Oz. 75
<b>Extra-Early Express, Mixed</b>	15	50
<b>Large Early-flowering, Crimson</b>	15	40
<b>Large Early-flowering, Pink</b>	15	40
<b>Large Early-flowering, White</b>	15	40
<b>Large Early-flowering, Mixed</b>	15	30
<b>Double Early-flowering, Crimson</b>	40	2 00
<b>Double Early-flowering, Pink</b>	40	2 00
<b>Double Early-flowering, White</b>	40	2 00
<b>Double Early-flowering, Mixed</b>	30	1 50

### LATE-FLOWERING VARIETIES

<b>Double Crested, Crimson</b>	30	1 25
<b>Double Crested, Pink Beauty</b>	30	1 25
<b>Double Crested, White Queen</b>	30	1 25
<b>Double Crested, Mixed</b>	30	1 00
<b>Giant-flowering, Crimson</b>	15	25
<b>Giant-flowering, Pink (Lady Lenox)</b>	15	25
<b>Giant-flowering, White (White Lady)</b>	15	25
<b>Giant-flowering, Mixed</b>	15	25
<b>Klondyke. Yellow</b>	20	75

## Clarkia elegans

A popular annual of easy growth, much used for cutting, both indoors and out.

	Trade pkt.	Oz.
<b>Double Purple Prince.</b> Rich purple	\$0 20	\$0 60
<b>Double Salmon Queen.</b> Brilliant salmon	20	60
<b>Double Scarlet Queen.</b> Fiery scarlet	20	60
<b>Double Vesuvius.</b> Orange-scarlet	20	60
<b>Double White</b>	20	60
<b>Double Mixed</b>	15	50
<b>Single Mixed</b>	15	40

Please read instructions for ordering Flower Seeds on page 5 of this Catalog

## Cleome • Giant Spider Flower

<b>Pungens.</b> Rose-colored flowers	Trade pkt. \$0 15	Oz. \$0 40
--------------------------------------	-------------------	------------

## Cobaea scandens • Cup-and-Saucer Vine

There is always a good demand for this popular climber. Seeds should be placed edgewise to insure good germination.

	Trade pkt.	Oz.
<b>Purple</b>	¼lb. \$1.25	\$0 15 \$0 50
<b>White</b>	25	1 00

## Coleus

### Large-leaved Varieties

<b>Rainbow Mixture.</b> An excellent mixture	75	6 00
<b>Choice Mixed</b>	50	4 50

## Convolvulus • Morning-Glory

### Major or Tall Varieties

	Trade Pkt.	Oz.	¼lb.	Lb.
<b>Clarke's New Improved Early Blue</b>	\$0 30	\$1 00	\$3 50	
<b>Japanese Imperial, Mixed</b>		15	50	\$1 50
<b>Japanese Imperial Fringed, Mixed</b>		20	60	2 00

## Cuphea • Cigar Plant

Trade pkt. ⅓oz.

**Firefly. New.** This newcomer has all the characteristics needed in a dwarf, compact plant, most suitable for pot-plants, rockeries, window-boxes, borders, or bedding. The plants reach a height of 10 inches and are completely covered with brilliant scarlet flowers. It is a tender annual, flowering from seed in 12 to 14 weeks, and will bloom profusely throughout the season.

<b>Platycentra.</b> Scarlet	50	1 25
-----------------------------	----	------

## Giant Show Cyclamen

Our seed is purchased from the most celebrated and widely known Cyclamen seed grower in Germany. This strain is known the world over as the outstanding giant-flowering variety. It is a winner in all the large European and American flower shows, and we feel sure that a trial will convince you of its excellence. The seed-bearing plants are of the very highest type, of robust habit, with large blooms and with well-marked foliage. This stock is offered in original packets.

### BINNEWIES STRAIN

**Note.**—Smallest quantities available are 100 seeds in original packets. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
<b>No. 1. Dark Blood-Red</b>	\$1 20	\$10 00
<b>No. 2. Bright Red</b>	1 20	10 00
<b>No. 3. Rose of Marienthal.</b> Bright pink	1 20	10 00
<b>No. 4. Pure Rose</b>	1 20	10 00
<b>No. 5. White with Carmine Eye</b>	1 20	10 00
<b>No. 6. Pure White</b>	1 20	10 00
<b>No. 7. Bonfire.</b> Brilliant scarlet	1 75	16 00
<b>No. 8. America.</b> Salmon-scarlet	1 75	16 00
<b>No. 9. Improved Salmon-Rose</b>	1 60	13 00
<b>No. 10. Glory of Wandsbek.</b> Salmon-red	1 50	12 00
<b>No. 11. Rose of Zehlendorf.</b> Salmon-pink	1 50	12 00
<b>No. 12. Orange Beauty.</b> Orange-vernilion	2 00	17 00
<b>No. 15. Safranin Red</b>	1 40	11 00
<b>No. 18. Mozart.</b> Deep pink	2 00	17 00
<b>No. 19. Lavender.</b> Bright lavender	1 20	10 00
<b>No. 21. Pink Pearl.</b> Novelty. Salmon-pink	2 00	17 00
<b>Mixed Colors</b>	1 20	10 00
<b>Rokoko Mixed.</b> Large flowers, beautifully fringed	1 75	16 00

### GIANT ENGLISH STRAIN

We offer the following select strains, the product of a celebrated English grower. These Cyclamen combine size, form, and color with vigorous growth. A feature of their habit is a continual crop of flowers, instead of all blooms being produced at once. Several of the varieties are early flowering, and are fine for cut-flowers, lasting well in water.

	100 seeds	1000 seeds
<b>Bush Hill Pink.</b> Bright rosy pink with brilliant eye	\$1 20	\$10 00
<b>Pink Pearl.</b> Rich pale salmon	1 50	12 00
<b>Salmon King, Improved.</b> New. Early. Deep salmon	1 50	12 00
<b>Scarlet King.</b> New. Early. Brilliant salmon-scarlet	1 75	16 00
<b>White Swan.</b> A fine rich white	1 20	10 00

Cyclamen continued on next page



# The new Heavenly Blue Morning-Glory blooms all summer and fall

## DOUBLE ENGLISH STRAIN CYCLAMEN

	100 seeds	1000 seeds
<b>Double Majestic.</b> Pure white.....	\$1 50	\$12 00
<b>Double Pink Pearl.</b> Early. Rich pale salmon.....	1 50	12 00
<b>Double Salmon King.</b> Early. Deep salmon.....	1 50	12 00

## VOGT'S NEW DOUBLE-FLOWERING

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is fragrant.

	100 seeds	1000 seeds
<b>Admiration.</b> A beautiful salmon-rose with shaded eye; very bright.....	\$2 50	\$20 00
<b>Cerise Brilliant.</b> Large flowers of a rich cerise-red.....	2 50	20 00
<b>Prosperity.</b> Flaming rose with distinct silvery edging. A heavy and full bloom.....	2 50	20 00
<b>Rosea.</b> Soft rose with coral cast, shading light at tips of petals. A very pleasing shade.....	2 50	20 00

Larger quantities of Cyclamen seed quoted on application

## Cynoglossum

	Trade pkt.	Oz.
<b>Amabile.</b> Chinese Forget-me-not. An excellent annual, producing rich forget-me-not-blue flowers. 2 ft.....	\$0 15	\$0 30

## Cyperus

<b>Alternifolius.</b> Umbrella Plant.....	25	1 00
---	----	------

## Cypress Vine • Ipomoea Quamoclit

<b>Mixed</b> .....	15	25
--------------------	----	----

## Dahlia

Easily grown from seed and very popular for cutting.

<b>Unwin's Dwarf Hybrids, Mixed.</b> Novelty. Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of charming colors. Fine for bedding. Requires no stakes and may be planted 18 to 20 inches apart.....	50	2 50
<b>Double California Giants, Mixed.</b> A selection from named varieties grown by a celebrated producer in California.....	75	5 00
<b>Double Cactus, Mixed.</b> All colors.....	50	3 00
<b>Double Large-flowering, Mixed.</b> Show type.....	50	3 00
<b>Coltness Scarlet Gem.</b> Dwarf bedding type. Single, bright scarlet flowers.....	50	3 00
<b>Coltness Hybrids, Mixed.</b> Dwarf single type. Very free flowering. Choice mixture. 2 ft.....	40	2 00
<b>Orchid-flowering Star Fish, Mixed.</b> A new type. Semi-dwarf habit of growth. Choice mixture.....	50	3 00
<b>Single Giant Perfection, Mixed</b> .....	20	75

## Delphinium

<b>Blue Butterfly.</b> An annual variety with deep blue flowers.	20	75
<b>White Butterfly.</b> Annual.....	20	75

## Dianthus • Pinks

**Sweet Wivelsfield.** A new annual hybrid variety. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Trade pkt. 25c.; \$1.00 per oz.

## DOUBLE ANNUAL VARIETIES Trade pkt. Oz.

<b>*Chinensis, Tom Thumb, Brilliant.</b> Double scarlet flowers. Very beautiful little edging or border plant which should be better known. A perfect gem for the rock-garden.....	\$0 40	\$2 00
<b>Chinensis, Mixed.</b> China or India Pink... ¼lb. \$1.40..	15	40
<b>Fringed, Mixed.</b> Large flowers.....	15	50
<b>Japan Pink, Mixed.</b> Choice colors.....	15	50

## SINGLE ANNUAL VARIETY

<b>Japan Pink, Mixed</b> .....	15	50
--------------------------------	----	----

## Didiscus

<b>Cerulea.</b> Blue Lace Flower. Easily grown annual with lavender-blue, lace-like flowers; excellent for cutting. 3 ft.....	¼lb. \$3.00..	25	1 00
---	---------------	----	------

## Dimorphotheca

<b>Aurantiaca.</b> African Orange Daisy. Golden orange flowers, fine for cutting. Well adapted for forcing. 1 ft..	20	75
<b>Aurantiaca hybrida.</b> Various colors. 1 ft.....	20	75



Cyclamen

## Dolichos • Hyacinth Bean

	Oz.	¼lb.
<b>Choice Mixed</b> .....	\$0 10	\$0 30

## Dracaena

Useful as center plants for vases, baskets, etc. Seeds are sent out in the hull or berry and should be rubbed out before sowing.

	Trade pkt.	Oz.
<b>Australis.</b> Broad leaves..... ¼lb. \$2.00..	\$0 20	\$0 60
<b>Indivisa.</b> Narrow green leaves. The popular center plant for vases..... ¼lb. \$1.00..	15	40

**DUSTY MILLER.** See *Centaurea* and *Cineraria maritima*.

## Echinocystis • Wild Cucumber Vine

	Trade pkt.	Oz.
<b>Lobata</b> ..... ¼lb. 60c...		\$0 20

## Eschscholtzia • California Poppy

<b>Californica.</b> Yellow.....	\$0 15	25
<b>Golden West.</b> Large; golden yellow.....	15	25
<b>Mauve Beauty.</b> Lavender-mauve.....	20	75
<b>Rose-Cardinal.</b> Carmine-rose.....	15	25
<b>Vesuvius.</b> Wallflower or coppery red.....	20	60
<b>White</b> .....	15	25
<b>Choice Mixed</b> .....	15	25

## Euphorbia

<b>Heterophylla.</b> Mexican Fire-Plant.....	15	50
<b>Variegata.</b> Snow-on-the-Mountain.....	15	35

## Exacum

<b>Affine.</b> Fragrant, light blue flowers. Plants very dwarf; excellent for pots and baskets.....	1 00
---	------

## Gaillardia

### ANNUAL VARIETIES

	Trade pkt.	Oz.	¼lb.
Useful for cutting or for the mixed border.			
<b>Indian Chief.</b> Single; brilliant bronzy red.....	\$0 15	\$0 50	\$1 75
<b>Single Annual, Mixed</b> ( <i>G. pulchella picta</i> ). 2 ft... 15		40	1 40
<b>Double Annual, Mixed</b> ( <i>G. pulchella picta Lorenziana</i> ). 2 ft.....	15	40	1 40

## Geranium

<b>Apple-scented</b> ... 100 seeds 50c.; \$3.50 per 1000 seeds..	Trade pkt.	Oz.
<b>Pelargonium.</b> Lady Washington Geranium.....		
	100 seeds \$2.50..	
<b>Zonale, Mixed.</b> Single.....	\$0 40	\$2 00

## Fragrant Annuals may be selected to perfume the garden at night



Gypsophila elegans alba grandiflora, Covent Garden Market

### Gerbera • Transvaal Daisy

Fine greenhouse perennials with large, daisy-like flowers. Excellent for pot-plants or for cutting.

**Jamesoni hybrida.** These hybrids include many brilliant colors and shades. 100 seeds 40c.; \$3.00 per 1000 seeds.

### Gilia

	Trade pkt.	Oz.
<b>Capitata.</b> Pale lavender-blue annual. Excellent for cutting. 2 ft.	\$0 15	\$0 30

### Gloxinia

**Hybrida grandiflora.** French Hybrids. Our seed is saved from selected plants of a collection grown by a celebrated German specialist . . . . . 1/2 trade pkt. 60c. . . . . 1 00

### Godetia • Satin Flower

<b>Carminea.</b> Beautiful and easily grown annual. Dwarf, double, azalea-flowered variety with bright carmine blooms. Specially recommended for pot-culture and can really be called a miniature azalea.	25	75
<b>Choice Mixed</b>	15	50

### Gomphrena • Globe Amaranth

Also called "Bachelor's Buttons." A useful Everlasting for bedding, also for cutting.

	Trade pkt.	Oz.
<b>Globosa.</b> Tall. Purple-red. Fine for cutting.	\$0 15	\$0 30
<b>Golden Yellow</b>	15	40
<b>Nana compacta.</b> Dwarf. Red.	15	30
<b>Mixed.</b> All colors.	15	30

### Gourds, Ornamental

<b>Green Snake.</b> New. A new strain of the Luffa or Dish-cloth. Fruits will grow to a length of over 10 feet if the vines are twined on a lofty trellis.	20	75
<b>Large Sorts, Mixed</b>	15	25
<b>Small Sorts, Mixed</b>	15	25

### Grasses, Ornamental (ANNUAL)

Useful either for growing in clumps, mixed borders, or in shrubberies.

	Trade pkt.	Oz.
<b>Pennisetum longistylum</b>	\$0 15	\$0 60
<b>Pennisetum Ruppelianum.</b> Purple Fountain Grass . . .	15	60

### Grevillea • Silk Oak

<b>Robusta.</b> A fine foliage plant. Makes an ideal base for made-up holiday baskets. Easily raised from seed.	25	1 00
---	----	------

### Gypsophila • Baby's Breath

**ELEGANS ALBA GRANDIFLORA.** A fine, easily grown annual, flowering to a marketable condition in six weeks. Excellent for cutting.

<b>Covent Garden Market.</b> (Improved Oz. Strain.) Very large flowering, with 6 to 8 petals; pure white. We consider this the best variety on the market.	5 lbs. \$7.00..	\$0 20	\$0 50	\$1 60
--	-----------------	--------	--------	--------

<b>Paris Market Strain.</b> A popular standard sort. Very early.	. . . . . 5 lbs. \$5.00..	15	40	1 25
--	---------------------------	----	----	------

<b>Elegans carminea.</b> Bright carmine-rose.	. . . . . 20	60	2 00
<b>Elegans rosea.</b> Delicate pink.	. . . . . 20	60	2 00

### Helichrysum bracteatum monstrosum • Strawflower

One of the best Everlastings. Large, double flowers, valuable for cutting or decoration, either when fresh or in their dried state.

	Trade pkt.	Oz.
<b>Rose Queen.</b> Gigantic flowers of a rich, deep rose-color.	\$0 20	\$0 60
<b>Buttercup.</b> Canary-yellow.	20	60
<b>Fireball.</b> Crimson.	20	60
<b>Golden Ball.</b> Golden yellow.	20	60
<b>Rose-Carmine</b>	20	60
<b>Salmon-Pink</b>	20	60
<b>Silver Ball.</b> White.	20	60
<b>Violet</b>	20	60
<b>Choice Mixed</b>	15	50

### Heliotrope

Highly prized on account of the delightful fragrance of the flowers. Excellent for pots or bedding.

	Trade pkt.	Oz.
<b>King of the Blacks</b>	\$0 40	\$1 50
<b>Lemoine's Giant Hybrids.</b> Very large flowers	30	1 25
<b>Mme. Bruant.</b> Violet-blue, white eye	40	1 50
<b>Regal.</b> Dwarf. Large flowering	40	1 50
<b>Choice Mixed</b>	25	1 25

*Please read instructions for ordering Flower Seeds on page 5 of this Catalog*



Ipomœa, Heavenly Blue Morning-Glory. See page 15.

Try some of the Novelties this year. They're different

**Heteropappus • Blue Daisy**

**Hispidus.** New. A fine annual of compact growth, with Trade Oz.  
daisy-like flowers 1 to 1½ inches across, in shades of pkt.  
lavender and azure-blue, with yellow centers. Very free  
flowering, making this variety desirable for cutting. . . .  
¼oz. \$1.25. \$0 50

**Hunnemannia • Yellow Tulip Poppy**

**Sunlite.** New. Semi-double, bright canary-yellow flowers.  
Gray-green foliage. . . . . 20 \$1 00  
**Fumariæfolia.** Produces flowers from July till frost.  
Good for cutting. 1 ft. . . . . 15 50

**Impatiens • Sultan's Balsam**

**Holsti.** Vermilion-red. . . . . 50  
**Holsti, New Hybrids.** Various colors. . . . . 50  
**Sultani.** Bright rose. . . . . 50  
**Sultani Hybrids.** Various colors. . . . . 50

**Ipomoea**

**Heavenly Blue Morning-Glory, Clarke's New Early Improved** . . . . . ¼lb. \$3.50. . . . . 30 1 00  
**Rose Marie.** New. Double; deep rose. Early and free  
flowering. . . . . 20 75  
**Noctiflora.** Moonflower. Large; white. . . . .  
¼lb. \$1.00; \$3.00 per lb. . . . . 15 30  
**Setosa.** Brazilian Morning-Glory. Pink. . . . ¼lb. \$1.00. . . . 15 30

**Kalanchoe**

**Blossfeldiana (globulifera coccinea).** A succulent pot-plant that is  
of very easy cultivation. The flowers are similar to bouvardia in form,  
and in color they are a very bright scarlet.  
Trade pkt. 75c.; \$2.00 for 3 pkts.

**Kale**

**Ornamental Flowering.** This belongs to the same family as the  
cabbage or Kale, but it is entirely different in appearance. Early in  
the season the leaves are green, but in the autumn they change to  
many beautiful colors, which range through white, cream, pink, rose,  
and magenta on a dark green ground. This should prove a valuable  
novelty for florists' fall window decorations.  
Trade pkt. 25c.; \$1.00 per oz.

**Kochia • Summer Cypress**

**Childsi.** An improved strain. . . . . Trade pkt. Oz.  
\$0 15 \$0 25

**Larkspur**

A very popular annual for cutting, either outdoors or in the green-  
house. Seed sown in warm weather will germinate very slowly.

**GIANT IMPERIAL**

This new group of Larkspurs is identical in branching habit to the  
Giant Imperial Stock. Flowers very double. Plants of robust habit of  
growth. 3 to 4 ft.

**NEW VARIETIES**

	Trade pkt.	Oz.	¼lb.
<b>White King.</b> Novelty. All-America Winner. Giant, pure white flowers on long spikes . . . . .	\$0 25	\$1 00	\$3 00
<b>Blue Bell.</b> Clear light blue. . . . .	25	1 00	3 00
<b>Blue Spire.</b> An intense deep Oxford-blue. . . . .	25	1 00	3 00
<b>Carmine King.</b> Rich carmine. . . . .	25	1 00	3 00
<b>Exquisite Pink, Improved.</b> An excellent im- provement over the old type. Beautiful salmon- pink. Comes practically 100 per cent true. . . . .	25	1 00	3 00
<b>Exquisite Rose.</b> A beautiful rose-pink. . . . .	25	1 00	3 00
<b>Gloria.</b> Fine deep rose. . . . .	25	1 00	3 00
<b>Lilac Queen.</b> Rich lilac, shading lavender-blue. . . . .	25	1 00	3 00
<b>Lilac Spire.</b> Bright lilac. . . . .	25	1 00	3 00
<b>Los Angeles.</b> A fine variety. Rich salmon, over- laid with brilliant rose. . . . .	25	1 00	3 00
<b>Sweet Lavender.</b> Light lavender-blue. . . . .	25	1 00	3 00
<b>White Spire.</b> Pure white. . . . .	25	1 00	3 00
<b>Mixed</b> . . . . .	20	75	2 50



Giant Imperial Larkspur, White King

**TALL BRANCHING STOCK-FLOWERED LARKSPUR**

These grow about 4 feet high.

	Trade pkt.	Oz.	¼lb.	Lb.
<b>Dark Blue</b> . . . . .	\$0 15	\$0 50	\$1 50	\$5 00
<b>Exquisite.</b> Soft pink. . . . .	15	50	1 50	5 00
<b>Lilac</b> . . . . .	15	50	1 50	5 00
<b>Lustrous Carmine (Newport Pink)</b> . . . . .	15	50	1 50	5 00
<b>Shell-Pink</b> . . . . .	15	50	1 50	5 00
<b>Sky-Blue</b> . . . . .	15	50	1 50	5 00
<b>White</b> . . . . .	15	50	1 50	5 00
<b>Mixed</b> . . . . .	15	40	1 25	4 00

**IMPROVED GIANT HYACINTH-FLOWERED**

These grow about 4 feet high and are especially adapted for growing  
under glass.

	Trade pkt.	Oz.	¼lb.
<b>Dark Blue</b> . . . . .	\$0 20	\$0 75	\$2 50
<b>Lilac</b> . . . . .	20	75	2 50
<b>Pink</b> . . . . .	20	75	2 50
<b>White</b> . . . . .	20	75	2 50
<b>Mixed</b> . . . . .	15	50	1 75

**TALL BRANCHING SINGLE**

A single strain which is sometimes preferred to the Tall Double  
Stock-flowered class.

	Trade pkt.	Oz.
<b>Mixed</b> . . . . .	\$0 15	\$0 35

Please read instructions for ordering Flower Seeds on page 5 of this Catalog

The new Sunset Giant Marigolds have a perfume instead of an odor



Marigold, Chrysanthemum-flowered Hybrids

**Leptosyne**

An excellent, quick-growing annual for cutting. Trade pkt. Oz.  
**Maritima.** Lemon-yellow Marguerite-like flowers. 2 ft. \$0 20 \$0 75  
**Stillmani.** Golden yellow. Blooms within 5 weeks after sowing seed. 1½ ft. 20 75

**Linaria**

**Maroccana Hybrids, Mixed.** Toadflax. Very showy annual. 1 ft. 15 30

**Linum • Flax**

**Rubrum.** Scarlet Flax. Annual. Large flowers. 1½ ft. 15 25

**Lupinus (Annual)**

Very attractive and popular as a cut-flower.

**New Hartwegi (King) Novelty (Waller-Franklin)**

A new and improved strain, 3 to 4 feet high, with base-branching habit. Each plant produces from 4 to 6 spikes of bloom which are much larger than the old type.

	Trade pkt.	Oz.
<b>King Blue.</b> Enormous spikes of rich Oxford-blue color.	\$0 20	\$0 75
<b>King Sky-Blue.</b> Clear light blue.	20	75
<b>King White.</b> Glistening pure white; giant spikes.	20	75
<b>Choice Mixture</b>	15	50

**STANDARD ANNUAL VARIETIES**

	Trade pkt.	Oz.	¼lb.	Lb.
<b>Pink</b>	\$0 15	\$0 25	\$0 75	\$2 75
<b>Rich Blue</b>	15	25	75	2 75
<b>Sky-Blue</b>	15	25	75	2 75
<b>White</b>	15	25	75	2 75
<b>Mixed</b>	15	25	65	2 40

**Lobelia**

One of the best plants for edging beds, or for pots, baskets, and vases. Seed should be sown early.

	Trade pkt.	Oz.
<b>Sutton's Cambridge Blue.</b> Large, bold flowers of a light blue shade. Dwarf, compact growth. Green foliage. Highly recommended.	\$0 50	\$3 00
<b>Michell's Blue Stone.</b> Dwarf, compact growth. Bright blue flowers. Unsurpassed for borders or boxes.	50	2 50
<b>Mrs. Clibran.</b> Dwarf. Deep blue flowers with white eyes. Excellent for borders	50	2 50
<b>Crystal Palace Compacta.</b> The leading dwarf variety. Dark blue flowers and dark foliage.	40	2 00
<b>Crystal Palace Speciosa.</b> The best trailing sort for baskets and vases. Deep blue blooms	25	1 00
<b>Sapphire.</b> Deep blue, white eye. Trailing.	40	2 00
<b>Choice Mixed</b>	25	1 00

**Marigold**

Free-flowering annuals for bedding and cutting.

**New Chrysanthemum-flowered**

**AMERICAN BEAUTY**

This new strain is identical in form of flower to a lovely incurved chrysanthemum. The plants are very free flowering, and the stems are good and strong, which makes this variety ideal for cutting. We offer the following three separate colors and a mixture. All colors are true and 100 per cent double. Height 3 feet.

	Trade pkt.	¼oz.
<b>Golden Orange</b>	\$0 50	\$1 00
<b>Orange</b>	50	1 00
<b>Yellow</b>	50	1 00
<b>Choice Mixed</b>	40	75

**CHRYSANTHEMUM-FLOWERED**

**New Giant Hybrids. Novelty.** These hybrids consist of many new and distinct types of Marigolds, varying in size of blooms from 2 to 4 inches in diameter. Some have petals which are quilled and incurved; the colors range in all shades of orange and yellow. The 3-foot plants support masses of flowers on fine stems for cutting. Trade pkt. Oz. \$0 50 \$2 50

**Giant-flowered Variety**

**SUNSET GIANTS • NOVELTY**

A new departure with the largest flowers ever known in the Marigold group, averaging 5 to 7 inches across. Exceptionally free flowering and lacking the usual Marigold odor. Plants grow 3½ to 4 feet high. The flowers are loosely formed, with broad, heavy petals, and come in a mixture ranging from deep orange through to light lemon-yellow. This strain comes 50 per cent double. Trade pkt. 40c.; \$2.00 per oz.

**MARIGOLD, COLLARETTE**

**Crown of Gold.** New. Orange flowers having crested center with broad guard petals. Odorless foliage. Trade pkt. Oz. \$0 30 \$1 25

**DWARF AFRICAN VARIETIES**

**Little Giants, Mixed.** A new variety that produces large, 5-inch, African-type flowers. Plants are compact and literally covered with blossoms. Foliage is a deep bluish green. Height of plant ranges between 15 and 20 inches. Ideal for bedding or pot-plants. ¼oz. \$1.00. 50

This new strain of Dwarf African Marigold is admirably adapted for bedding use. The plants are sturdy and free flowering, forming a veritable pyramid of bloom. Excellent for borders or solid beds.

	Trade pkt.	Oz.
<b>Golden Queen.</b> Large; golden yellow	\$0 25	\$1 00
<b>Orange Queen.</b> New. Vivid bright orange	25	1 00
<b>Primrose Queen.</b> Clear primrose-yellow	25	1 00
<b>Queen, Mixed</b>	25	1 00

**TALL AFRICAN VARIETIES**

**Carnation-flowered, Golden Eagle.** Novelty. Closely related to the popular Guinea Gold. Color a delightful shade of luminous gold. Flowers come 100 per cent double and as a cut-flower this variety is superb. Trade pkt. Oz. 40 2 00

# Beautiful flowers on perfect plants: Dwarf Double French Marigolds

## Tall African Marigolds, continued

<b>Golden Emblem.</b> Rich lemon-gold flowers from 4 to 5 Trade inches in diameter. The shade is between Lemon Queen and Orange Prince. Exceedingly double and fine for cutting.....	Trade pkt.	Oz.
	\$0 30	\$1 25
<b>Yellow Supreme.</b> Broad, loosely frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. The plant is very symmetrical. A splendid florists' cutting variety. 2 ft.....	30	1 25
<b>Guinea Gold.</b> A distinct type, producing no singles whatsoever, the flowers coming 100 per cent double and semi-double. Clear orange, flushed with gold.....	30	1 25
<b>Alldouble Lemon.</b> Originator's Stock. A fine clear yellow variety which will produce all double flowers....	30	1 25
<b>Alldouble Orange.</b> Originator's Stock. This variety will produce a large percentage of double flowers of a bright orange shade.....	30	1 25
<b>Lemon Queen.</b> Lemon-yellow; double.....	1/4lb. \$1.75..	15 50
<b>Orange Prince.</b> Rich orange-yellow; double.....	1/4lb. \$1.75..	15 50
<b>Tall Double, Mixed</b> .....	1/4lb. \$1.60..	15 50

## MEXICAN ORANGE VARIETY

An outstanding introduction, branching freely and heavily laden with quantities of unique semi-tubular petaled flowers, of bright orange. 3 ft. Trade pkt. 25c.; \$1.00 per oz.

## DWARF SINGLE FRENCH VARIETIES

<b>Fire Cross.</b> A dwarf, single, deep orange-yellow variety, having each petal marked with a crimson-maroon blotch.....	Trade pkt.	Oz.
	\$0 15	\$0 50
<b>Legion of Honor (Little Brownie).</b> Single, golden yellow bloom with crimson spot.....	1/4lb. \$1.25..	15 40
<b>Signata pumila (Tagetes signata pumila).</b> Golden yellow. This type is fine for edging. 10 in.....	15	60
<b>Signata pumila, Gnome.</b> This is a fine selection. The plants, which grow 4 to 6 inches high and spread from 10 to 12 inches, are completely covered with dainty golden orange flowers. Fine for pots and edging.....	20	1 00

## Dwarf Double French Marigolds

<b>Alldouble Royal Scot.</b> Novelty. All-America Winner. An excellent new strain of dwarf, bushy growth, every plant of uniform shape and height, 10 to 12 inches tall. Color rich mahogany and gold, in uniform stripes.....	40	2 00
<b>Harmony.</b> Novelty. A fine new French variety of scabiosa-flowered type. Flowers very double, deep orange, with maroon collar. Free flowering and excellent for borders. This is one of the best of the newer sorts.....	25	75
<b>Monarch.</b> Flowers exceedingly double, in a wide range of colors, which includes combinations of orange, bronze, yellow, and mahogany.....	20	75
<b>Robert Beist.</b> Large; dark maroon.....	1/4lb. \$1.75..	15 50
<b>Golden Ball.</b> Large; golden yellow.....	1/4lb. \$1.75..	15 50
<b>Gold Striped.</b> Double; extra fine.....	1/4lb. \$1.75..	15 50
<b>Lemon Ball.</b> Pale sulphur-yellow.....	1/4lb. \$1.75..	15 50
<b>Mahogany.</b> Rich mahogany-brown.....	1/4lb. \$1.75..	15 50
<b>Dwarf Double Mixed</b> .....	1/4lb. \$1.25..	15 40
<b>*Lilliput, Mixed.</b> Very dwarf. Excellent for pots. 8 in..	20	60

## Tall Single French Variety

<b>Josephine.</b> Dark brown with gold edges.....	15	50
---	----	----

## Tall Double French Variety

<b>Mixed</b> .....	15	50
--------------------	----	----

## Forcing Varieties

<b>Lieb's Winter-flowering.</b> Mahogany-brown, golden yellow crested center.....	1/4oz. \$1.60..	50
<b>Australian Tall Tree.</b> Golden yellow and brown. Fine for winter forcing. 4 1/2 ft.....	25	75

## Mirabilis Jalapa • Marvel of Peru; Four o'Clock

<b>Mixed Colors</b> .....	1/4lb. 40c...	15
---------------------------	---------------	----

## Matricaria • Feverfew

<b>Double White.</b> Fine for cut-flowers. 1 1/2 ft. ....	15	50
<b>Golden Ball.</b> Perennial. Bright yellow flowers. Dense habit. 8 in.....	40	2 00

## Matthiola

<b>Bicornis.</b> Evening Scented Stock. Purplish lilac.....	15	30
---	----	----

## Mesembryanthemum

<b>Criniflorum.</b> Livingstone Daisy. Of slightly spreading habit and literally covered with small flowers in a range of delightful shades.....	Trade pkt.	Oz.
	1/4oz. \$1.00..	\$0 40
<b>Crystallinum.</b> Ice-Plant. White flowers.....	15	\$0 40

## Mignonette

Valuable for cutting on account of its fragrance.

<b>Ball's Forcing Strain.</b> Colossal spikes. The best variety for forcing.....	1/4oz. \$1.75..	1 00	6 00
<b>Allen's Defiance.</b> Large spikes.....	1/4lb. \$1.25..	15	40
<b>Goliath.</b> Giant spikes of red flowers. Extra fine.....	20	75	
<b>Machet.</b> A selected strain.....	1/4lb. \$1.50..	15	50
<b>New York Market.</b> A selected florists' strain.....	25	1 00	
<b>Sweet-scented.</b> Large flowering.....	1/4lb. 35c..	15	

## Mimulus

<b>*Tigrinus.</b> Monkey-Flower. Mixed colors.....	30	2 00
--	----	------

## Nasturtiums

### Double Varieties.

This type is of semi-trailing habit and is a new development in Nasturtiums. Plants form a vigorous bush which throws out short runners averaging 1 1/2 feet long. Flowers large, double, sweet scented, and stand well above the foliage, making them excellent for cutting; also well adapted for pot-culture.

<b>Dwarf, Golden Globe.</b> New. Identical in color to the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented.....	Oz.	1/4lb.
	Lb. \$1.50..	\$0 20 \$0 50
<b>Dwarf, Scarlet Globe.</b> New.....	25	75
<b>Dwarf Gem Mixture.</b> Free-flowering, semi-double, sweet-scented flowers in an excellent color-range and containing both light- and dark-flowering plants.....	Lb. \$1.50..	20 50
<b>Scarlet Gleam.</b> (Bodger.) Flowers fiery scarlet, 3 inches across and uniformly double, with lush green foliage....	Lb. \$1.50..	20 50
<b>Gleam Hybrids.</b> (Bodger.) These are a collection of gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.....	Lb. \$1.50..	20 50
<b>Golden Gleam.</b> (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers, excellent for cutting and growing in pots in the greenhouse.....	Lb. \$1.25..	15 40

### Dwarf or Tom Thumb Varieties

<b>Queen of Tom Thumbs, Mixed.</b> Silver variegated foliage. Very showy.....	Oz.	1/4lb.	Lb.
	\$0 15	\$0 50	\$1 50
<b>Michell's Giant-flowering, Mixed</b> .....	15	40	1 25

### Climbing or Trailing Varieties

<b>Michell's Giant-flowering, Mixed</b> .....	15	35	1 00
<b>Lobb's Choice Mixed</b> .....	10	30	1 00



Dwarf Nasturtiums, Golden Globe

# Here are the world's finest strains of Pansies



Nierembergia Hippomanica

Nicotiana • Ornamental Tobacco		Trade	Oz.
		pkt.	
<b>Affinis.</b> Large, white, fragrant flowers. 2½ ft.....	\$0 15		\$0 40
<b>Affinis Hybrids, Mixed.</b> 2½ ft.....	15		50
<b>Crimson Bedder.</b> New. Rich deep crimson. Dwarf....	30		2 00

## Nemesia

A fine annual, with large flowers. Excellent for bedding.

	Trade	pkt.	Oz.
<b>Blue Gem.</b> Flowers bright blue. Plants of compact growth.....	\$0 40		\$2 50
<b>Strumosa Suttoni.</b> Colors vary from creamy white to deep orange and carmine.....	30		1 50

## Nierembergia

**Hippomanica.** Dwarf Cup-Flower. **New.** A lovely new annual, growing 5 to 6 inches tall, and completely covered with small, cup-like flowers of a lovely lavender-blue shade, with a touch of yellow in the center. The plants are definitely dwarf and compact, with a spread of 8 to 10 inches, and commence to flower 15 weeks after seed is sown, continuing to bloom throughout the season. An excellent border plant for the rockery, window-boxes, or for pot-plants..... 1/4oz. \$1.50..

50

## Nigella • Love-in-a-Mist

**Miss Jekyll.** Annual of compact growth with finely cut foliage and curious, beautiful clear blue flowers, fine for cutting. 1½ ft.....

15

25

SEE PAGES 27 TO 32 FOR COMPLETE LIST OF PERENNIAL SEEDS

# Giant Pansies

Pansies are among our specialties and the strains we are offering are the best that time and money can produce. The seed is grown for us by experts in Europe and America and the quality cannot be surpassed for size, beautiful markings, and brilliancy of colors.

The following list comprises the best of the new European creations and the popular American varieties. We feel sure that these will please the most discriminating gardener.

### NEW GIANT PANSY, MICHELL'S SPRINGTIME

We are pleased to offer this fine new early-flowering Giant Pansy whose blooms measure 3½ to 4 inches across, and come in a superior mixture of light colors so popular in the spring garden. The plants are of very dwarf habit. An excellent type for early sales in boxes or baskets.

Trade pkt. 50c.; \$1.00 per 1/8oz.; 1/4oz. \$1.75; \$6.50 per oz.

### NEW BABY PANSY, MRS. A. H. SCOTT

Dainty Baby Pansy which does not grow more than 3 inches high. Flowers are similar in color to Lord Beaconsfield. Very free flowering and a fine suggestion for the rock-garden.

Trade pkt. 50c.; \$1.00 per 1/8oz.

### MAPLE-LEAF GIANTS

A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types and for exhibition purposes and private trade, the florist should grow some of this strain.

Trade pkt. 50c.; \$2.25 per 1/4oz.; oz. \$8.00

### AMERICA

A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades. For florists and market gardeners, this is undoubtedly the money-making Pansy.

Trade pkt. \$1.00; \$1.50 per 1/8oz.; 1/4oz. \$2.75; \$10.00 per oz.

### ENGELMANN'S SPECIAL MIXTURE

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Trade pkt. 75c.; \$2.25 per 1/4oz.; oz. \$8.00

### MICHELL'S NEW SWISS GIANTS

We are proud to offer this excellent strain to our trade. The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched. This variety is also excellent as a cut-flower.

Trade pkt. \$1.00; \$1.50 per 1/8oz.; 1/4oz. \$2.75; \$10.00 per oz.

SEE PAGES 1 TO 4 FOR NOVELTIES AND SPECIALTIES IN FLOWER SEEDS

### SWISS GIANTS (ROGLLI)

	Trade	pkt.	1/4oz.	Oz.
<b>Alpenglow.</b> A fine range of cardinal-red shades with dark blotches.....	\$0 50		\$1 75	\$6 00
<b>Berna.</b> Very rich, velvety purple-violet of extra quality.....	50		1 75	6 00
<b>Lake of Thun (Ullswater).</b> Color marine-blue with deep blue blotches.....	50		1 75	6 00
<b>Mont Blanc.</b> Nearly pure white, with three large blue blotches. An excellent addition to the Roggli strain.....	50		1 75	6 00
<b>Rhinegold.</b> Deep golden yellow with black blotches on the three lower petals.....	50		1 75	6 00
<b>Roggli.</b> Improved Swiss Giants. Large flowers with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture... 1/8oz. \$1.00; \$22.00 per 1/4lb...	50		1 75	6 00

### GIANT PRIZE OR BEDDING PANSIES

	Separate Colors	Trade	pkt.	Oz.	1/4lb.
<b>Azure-Blue</b> .....	\$0 30		\$1 50	\$5 50	
<b>Black-Blue</b> .....	30		1 50	5 50	
<b>Emperor William.</b> Blue.....	30		1 50	5 50	
<b>Hortensia-Red</b> .....	30		1 50	5 50	
<b>King of the Blacks</b> .....	30		1 50	5 50	
<b>Lord Beaconsfield.</b> Purple-violet.....	30		1 50	5 50	
<b>Peacock.</b> Blue, claret, and white.....	30		1 50	5 50	
<b>Snow Queen.</b> Pure white.....	30		1 50	5 50	
<b>White with Eye</b> .....	30		1 50	5 50	
<b>Pure Yellow</b> .....	30		1 50	5 50	
<b>Yellow with Eye</b> .....	30		1 50	5 50	
<b>Mrs. P. S. du Pont.</b> Golden apricot, flushed salmon..... 1/2 trade pkt. 30c...	50		7 00		

### GIANT-FLOWERING MIXTURE

<b>Michell's Giant Exhibition, Mixed.</b> A giant strain of heavy texture and varied shades and colors..... 1/8oz. \$1.00; \$1.75 per 1/4oz...	50		6 50	24 00
<b>Triumph of the Giants, Mixed.</b> Many beautiful, rich and rare shades..... 1/4oz. \$2.25..	1 00		8 00	30 00
<b>Giant Trimardeau, Mixed</b> .....	25		1 25	4 00
<b>Mme. Perret.</b> Especially rich in red shades....	30		1 50	5 50
<b>Masterpiece.</b> Filled Pansy. Beautiful rich colors; petals curled or waved.....	50		3 00	10 00
<b>Fine English Mixed.</b> Large flowering.....	25		1 00	3 00

Please read instructions for ordering Flower Seeds on page 5 of this Catalog

# Our Alldouble Petunias are horticultural marvels

## Michell's Giant Petunias

We are headquarters for this florists' popular pot-plant. The following list is selected from the finest strains of Petunias that are grown in Europe and California. We supply the most critical trade in every state in the Union with our selected strains.

### Michell's Exclusive 1938 Introductions

<b>Superbissima Jumbo.</b> Single-flowered, plain-edged variety with huge blooms 6 to 8 inches across, in a bright amaranth-red color. The plants are of dwarf habit and are very free flowering. Excellent for pots.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{8}$ oz. \$4.00..	\$0 85	\$1 50
<b>Super Fluffy Ruffles.</b> A splendid new strain with beautifully ruffled and fringed flowers; at first glance the flowers appear fully double. The color is a lovely blending of rose and salmon shades. Exceptionally free flowering; fine for bedding and growing in pots.	$\frac{1}{8}$ oz. \$3.00..	85 1 50
<b>Dwarf Elk's Pride.</b> A really dwarf type of this popular Petunia which entirely lacks the straggly habit of this strain. The plants are of upright habit, free flowering, and the color the well-known royal purple.	$\frac{1}{8}$ oz. \$3.00..	60 1 00
<b>Balcony, Rosy Morn.</b> The true Balcony type in the ever-popular Rosy Morn Petunia. The plants are of branching habit and throw out long runners which are literally covered with rose-pink flowers with white throats. Unsurpassed for urns and window-boxes, or for planting on banks or terraces.	$\frac{1}{8}$ oz. \$1.25..	30 50

### Mammoth Single Petunia, Michell's Quaker Giants NOVELTY

Deep-throated, single flowers, well ruffled. Plants of dwarf habit. Excellent for pots. Selected mixture.  
 $\frac{1}{2}$  trade pkt. 75c.; \$1.25 per trade pkt.;  $\frac{1}{8}$ oz. \$2.00; \$3.50 per  $\frac{1}{32}$ oz.

### Giant-flowering, Single Fringed Varieties

<b>Martha Washington.</b> (Waller-Franklin.) Novelty. A ruffled or frilled, dwarf, compact type. Plants literally smothered with blooms 3 inches in diameter. Color blush-white with center veined wine-red, deepening at base of throat.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{16}$ oz. \$1.25..	\$0 50	
<b>Dainty Lady.</b> Novelty. A remarkable new Petunia. Plants are neat, compact, semi-dwarf and free flowering. Blooms are of medium size, delicately fringed, and light golden yellow in color.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{16}$ oz. \$1.25..	\$0 60	1 00
<b>Michell's Giant Fringed, Mixed.</b> Flowers very large, beautifully fringed and ruffled, and in a fine mixture of the most popular colors.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{8}$ oz. \$1.50; \$2.50 per $\frac{1}{32}$ oz.; $\frac{1}{16}$ oz. \$4.00..	60	1 00
<b>Floretta.</b> Large, single, fringed flowers. Habit similar to Theodosia. Color, beautiful steel-blue, veined black.	$\frac{1}{8}$ oz. \$3.00..	60 1 00
$\frac{1}{8}$ oz. \$2.50..	60	1 00
<b>Lace Veil.</b> Dwarf. Fringed; pure white.	$\frac{1}{8}$ oz. \$2.50..	60 1 00
<b>Setting Sun.</b> An especially fine dwarf variety of compact habit, a foot high. Brilliant rose-pink flowers, beautifully fringed, 3 inches across. Comes true from seed.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{32}$ oz. \$2.50..	75	
<b>Theodosia.</b> A large-flowered, fringed variety; rosy pink with a clear golden center.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{32}$ oz. \$2.50..	75	
<b>Violet King.</b> Beautiful velvety violet-blue, immense, fringed flowers.	$\frac{1}{8}$ oz. \$2.50..	60 1 00

### Giant-flowering Single, Ruffled and Plain-edged Varieties

<b>Giants of California, Bodger's Supreme Florists' Strain.</b> This new strain we believe to be the finest of the well-known Giants of California type. The flowers are very large, ruffled, with open throats, and the color strain is unsurpassed. The flowers are freely produced on strong plants, which are medium tall in habit. Excellent for bedding as well as window-boxes.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{8}$ oz. \$3.00..	\$0 60	\$1 00
<b>Snowstorm.</b> A fine, large-flowering, plain-edged, pure white variety. Very free flowering. Exceptionally good as a pot-plant or for bedding. The best pure white bedding variety.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{8}$ oz. \$1.75; \$3.00 per $\frac{1}{32}$ oz.; $\frac{1}{16}$ oz. \$5.00..	1 25	
<b>New Dwarf California Giants. Ramona Strain.</b> A fine, new, dwarf, compact strain of the well-known California Giants. Excellent for pots.	$\frac{1}{8}$ oz. \$1.75; \$3.00 per $\frac{1}{32}$ oz.; $\frac{1}{16}$ oz. \$5.00..	60 1 00

### Giant-flowering Single, Ruffled and Plain-edged Petunias, continued

<b>California Giants.</b> Strong plants. Immense flowers of bright and desirable colors.	$\frac{1}{2}$ trade pkt.	Trade pkt.
$\frac{1}{32}$ oz. \$1.50..	\$0 30	\$0 50
<b>Pink Glory.</b> Of compact growth, with flowers of a pure rose-pink.	$\frac{1}{32}$ oz. \$1.50..	50
<b>Purple Prince.</b> A fine velvety purple, large-flowering variety.	$\frac{1}{32}$ oz. \$1.50..	50

### Nana Compacta or Miniature Varieties

A new, dwarf, bushy type 10 inches high.

<b>Adora.</b> Rosy carmine, white star.	Trade pkt.	$\frac{1}{4}$ oz.
$\frac{1}{2}$ trade pkt. 30c.; 50c. per trade pkt.; $\frac{1}{8}$ oz. \$1.25	\$0 50	\$1 25
<b>Little Blue Star.</b> Blue, white star.	50	1 25
<b>Rose Gem.</b> Rich deep rose.	50	1 25
<b>Senator Improved.</b> Violet self, white throat.	50	1 25
<b>Snow Bedder.</b> Pure white.	50	1 25
<b>Mixed Colors</b>	50	1 25

### Balcony Varieties

A fine large-flowering, free-blooming type, suitable for vases, window- or porch-boxes, also valuable for bedding.

<b>Balcony, Rosy Morn.</b> Michell's 1938 Introduction. Rose-pink with white throat.	$\frac{1}{2}$ trade pkt. 30c.; 50c. per trade pkt.; $\frac{1}{8}$ oz. \$1.25
<b>Netted Blue Gem.</b> A new color in the Balcony type—steel-blue, beautifully netted or veined.	Trade pkt. 50c.; \$1.50 per $\frac{1}{4}$ oz. Trade pkt. Oz.

<b>Admiration (Balcony Queen).</b> Blue, white spots.	$\frac{1}{2}$ trade pkt. 30c.; 50c. per trade pkt.; $\frac{1}{8}$ oz. \$1.25	
$\frac{1}{8}$ oz. \$1.50..	\$0 50	
<b>Cornflower-Blue.</b> Bright blue.	$\frac{1}{8}$ oz. \$1.00..	50
<b>Blue.</b> Rich indigo-blue.	40	\$3 00
<b>Crimson.</b> Velvety crimson.	40	3 00
<b>Rose.</b> Brilliant rose-pink.	40	3 00
<b>White.</b> Pure white.	40	3 00
<b>Mixed Colors</b>	40	3 00



Petunia Hybrid, Topaz Rose. See page 20

# Modern Petunias are bedding plants supreme

## Single Small-flowering Petunias

	1/2 trade pkt.	Trade pkt.	Oz.
<b>Flaming Velvet.</b> Novelty. Rich, brilliant, velvety blood-red. Medium-sized flowers. Excellent for bedding. . . . . 1/4oz. \$1.50. . . . .	\$0 30	\$0 50	
<b>Rosy Morn Improved.</b> A decided improvement on this popular variety. Flowers brighter in color and considerably larger. . . . .	40	75	\$3 50
<b>Hybrida, Topaz Rose.</b> 1938 All-America Novelty. The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Will not fade or burn under the hottest sun. . . . . 1/4oz. \$1.25. . . . .		50	4 00
<b>Dwarf Erect, Periwinkle Blue.</b> A welcome addition to the dwarf single type. Flowers a delightful shade of pastel blue. Resembles very much the perennial vinca. . . . .	30	50	3 00
<b>Bluebird.</b> An excellent bedding variety. Medium-sized flowers of a deep blue color. . . . .	30	50	2 50
<b>Celestial Rose.</b> Deep rose. Compact. Excellent for bedding. . . . . 1/4oz. \$1.25. . . . .	30	50	4 00
<b>Cockatoo.</b> Violet with white spots. . . . . 1/4oz. \$1.25. . . . .	30	50	
<b>Dwarf Inimitable.</b> Dwarf, compact habit. Flowers striped and blotched. . . . .		30	1 50
<b>General Dodds.</b> Rich velvety blood-red. Fine bedding variety. . . . .		30	1 50
<b>Rosy Morn.</b> Dwarf, bushy plants, with brilliant rose-colored flowers having white throats. Popular bedding sort. . . . .	30	50	2 50
<b>Rose of Heaven.</b> Brilliant rose. A very effective and popular color. . . . .		40	2 00
<b>Silver Blue (Heavenly Blue).</b> Makes a fine bedding variety when combined with Rosy Morn. . . . .	30	50	3 00
<b>Snowball.</b> Dwarf. Pure white. . . . .		30	1 50
<b>Howard's Star, Improved.</b> Beautiful variety with crimson-maroon flowers, each having a distinct five-pointed white star. . . . .		40	2 00
<b>Violet Gem.</b> Erect, dwarf type. . . . .		40	2 00
<b>Choice Mixed</b> . . . . .		25	1 00

## LARGE-FLOWERING SINGLE HYBRIDS

An excellent mixture of large-flowering sorts. Trade pkt. 40c.; oz. \$2.50.

### Diener's Original Strain

The following varieties are grown by the originator and are supplied in original packets.

	Sample trade strain pkt.	Trade pkt.	Oz.
<b>Ruffled Monsters, Mixed.</b> A much-improved with extra-large flowers in a wide range of colors. Fine dwarf habit; especially suited for pots. . . . . 1/4oz. \$1.75; \$3.50 per 1/2oz. . . . .	\$0 50	\$1 00	
<b>Pink Glory.</b> Same type as above. Flowers are a beautiful shade of rose-pink. . . . . 1/2oz. \$2.00. . . . .	50	1 00	
<b>Copper-Red. No. 41.</b> A coppery red shade. . . . .		50	
<b>Blue. No. 11.</b> Silky deep blue. Free blooming. . . . .		50	
<b>Mauve. No. 20.</b> Heavily veined with purple. . . . .		50	
<b>Large Double Frilled. No. 42.</b> A fine strain, producing a high percentage of doubles. Flowers heavily frilled and ruffled, in a fine blending of colors. . . . . 1/4oz. \$5.00. . . . .		1 00	



Phlox Drummondii

## Portland Varieties

A new strain, grown for us by a specialist. For planting of veranda boxes and for choice potted plants or for bedding out, these never fail to appeal to the most critical buyers.

	Trade pkt.	1/2oz.
<b>Elk's Pride.</b> Large; deep royal purple. . . . .	\$0 50	\$1 25
<b>Pink Triumph.</b> Clear, bright pink, delicately fringed. . . . .	50	1 50
<b>Pride of Portland.</b> Large, deep rose-pink, fringed flowers. . . . .	50	1 50
<b>Scarlet Beauty.</b> Flowers fringed, shading from cherry-red to deep maroon. . . . .	50	1 50
<b>White Beauty.</b> Pure white flowers with finely fringed edges. . . . .	50	1 50
<b>Mixed Colors</b> . . . . .	50	1 50

## Large Double-flowering Varieties

The latest development in Double Petunias is the new Alldouble strain which produces 100 per cent double flowers. We offer the following selected varieties in this strain and feel quite certain that they will prove a sensation with the florist trade, especially for pot-plants for Mother's and Decoration Day.

**ALDDOUBLE ORCHID BEAUTY.** 1938 All-America Novelty. A decidedly new shade in the Alldouble Petunias. The habit of growth is dwarf and compact and flowers large and fully double. The color is a beautiful shade of orchid, which should prove very popular as it blends beautifully with the pink colors in this group. 1/2 trade pkt. (300 seeds) \$1.25; \$2.00 per trade pkt. (600 seeds); 3 trade pkts. \$6.00.

Owing to the scarcity of seed, this variety is not included in the combination offer of three packets for \$5.00.

**ALDDOUBLE GAIETY.** Special Mention, 1938 All-America Selections. Rose-red and white, beautifully frilled. A popular color combination. 1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00

**DWARF ALDDOUBLE VICTORIOUS, MIXED.** A giant mixed Petunia which produces 100 per cent double-flowered plants. The habit of growth is very dwarf and compact, the flowers large and fully double in many brilliant and fancy colorings, and it is very free flowering. An exceptionally fine type for pot-culture as the plants seldom grow more than 10 inches high.

1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00; \$6.00 per 1/4oz.

**ALDDOUBLE, AMARANTH-RED.** Bright amaranth-red, a new color in this popular strain.

1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00

**ALDDOUBLE, CARMINE QUEEN (World Beauty).** An exceptionally fine dwarf type. Beautiful rosy carmine flowers which are very double. Other characteristics same as Victorious.

1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00

**ALDDOUBLE, LOVELINESS.** Extra dwarf. Identical in habit to the popular Carmine Queen, with the exception of the color, which is a clear La-France-pink. A valuable addition to this group and especially useful to florists.

1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00

**ALDDOUBLE, WHITE QUEEN.** Pure white, very double flowers, beautifully fringed. Extra dwarf and free flowering.

1/2 trade pkt. \$1.00; \$2.00 per trade pkt.; 3 trade pkts. \$5.00

The above varieties are originations of Mr. T. Sakata.

The following Double varieties are a splendid strain producing an average of 60 to 70 per cent doubles.

**NOTE.** It is important not to discard the small seedlings, as these usually produce the best double flowers.

**Double Fringed, Mixed.** Superbly colored flowers of mammoth size. 500 seeds 75c.; \$1.50 per 1000 seeds

Please note, Double Petunias are a highly bred type, and the seed is not as vigorous in growth as that of single strains. Seed of all our Double Petunias has been carefully tested in soil and the germination has been found to average 70 to 80 per cent. For this reason, and because of its high cost, we cannot entertain claims on non-germination of this seed, or requests for replacements. If carefully handled, we know the seed will grow.

## Phacelia • California Blue Bell

**Campanularia.** A fine annual and one of the earliest to bloom. Gentian-blue flowers. Excellent for borders. Trade pkt. Oz. 9 in. . . . . \$0 15 \$0 50

## Portulaca

### DOUBLE-FLOWERING VARIETIES

A select strain that will produce from 60 to 80 per cent double flowers.

	Trade pkt.	Oz.
<b>Pink</b> . . . . .	\$0 30	\$2 50
<b>Salmon</b> . . . . .	30	2 50
<b>Scarlet</b> . . . . .	30	2 50
<b>White</b> . . . . .	30	2 50
<b>Yellow</b> . . . . .	30	2 50
<b>Mixed</b> . . . . .	25	2 00

### SINGLE-FLOWERING VARIETY

**Mixed Colors** . . . . . 1/4lb. \$1.50. . . . . 15 50



# Phlox Drummondi Gigantea, Art Shades, is exceedingly beautiful

## Phlox Drummondi

Beautiful summer-flowering annual that makes excellent pot-plants for spring sales.

### GIGANTEA, ART SHADES • NOVELTY

A new strain with flowers 1¼ to 1½ inches in diameter. In addition to its enormous flowers (which in themselves would be enough to justify it as a novelty), it has a most wonderful range of color in soft art shades, such as salmon with white eye, deep salmon with cream eye, apple-blossom-pink, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye, and many other pleasing art shades. Plants about 9 inches high. Choice mixture only. Trade pkt. 40c; \$2.00 per oz.

### GRANDIFLORA VARIETIES

	Trade pkt.	Oz.
<b>Alba.</b> Pure white.....	\$0 25	\$1 00
<b>Chamois-Rose</b> .....	25	1 00
<b>Coccinea.</b> Scarlet.....	25	1 00
<b>Lilac</b> .....	25	1 00
<b>Pink</b> .....	25	1 00
<b>Yellow</b> .....	25	1 00
<b>Choicest Mixed</b> ..... ¼lb. \$3.00..	20	80
<b>Cuspidata (Star of Quedlinburg).</b> Extra-fine, star-flowered mixture.....	25	1 00

### DWARF OR COMPACT VARIETIES

<b>Cecily.</b> Large-flowering, mixed.....	40	2 00
<b>Chamois-Rose</b> .....	40	2 00
<b>Fireball.</b> Brilliant scarlet.....	40	2 00
<b>Isabellina.</b> Yellow.....	40	2 00
<b>Pink</b> .....	40	2 00
<b>Snowball.</b> Pure white.....	40	2 00
<b>Choicest Mixed</b> ..... ¼lb. \$5.50..	30	1 50

## Poppy • Papaver

### DOUBLE ANNUAL VARIETIES

<b>Cavalcade.</b> New. Double Shirley Poppy with begonia-like flowers of rich brilliant orange-scarlet. Most attractive and fine for floral arrangements.....	25	1 00
<b>Carnation-flowered, Mixed</b> ..... ¼lb. 50c..		15
<b>Peony-flowered, Mixed</b> ..... ¼lb. 50c..		15
<b>Improved Shirley, May Queen.</b> An improved strain with large double flowers. Mixed colors.....	15	50

### SINGLE ANNUAL VARIETIES

<b>American Legion.</b> Dazzling orange-scarlet.....	15	40
<b>Flanders.</b> Bright scarlet.....	15	25
<b>King Edward.</b> Scarlet, shaded black.....	15	25
<b>Oriental Scarlet.</b> An exact duplicate of the perennial type, but is an annual, flowering profusely the first season.....	15	50
<b>Shirley, Wild-Rose-Pink.</b> Beautiful rich pink.....	15	50
<b>Shirley, Mixed.</b> Large flowers..... ¼lb. 60c..	15	25

## Michell's Primulas

We offer select strains of this fine winter-blooming pot-plant. Several of the varieties are originator's stock and grown exclusively for our florists' trade.

### NEW GIANT OBCONICAS

The following three are new Giant German varieties that produce immense trusses of larger flowers than any other strain. Plants are of compact habit and are very free flowering. ¼oz. put up in glass tubes.

	Trade pkt.	¼oz.
<b>Bavarian Blood-Red (Bayernblut).</b> Deep blood-red... \$1 50		\$3 00
<b>Sky-Blue (Konigsee).</b> Bright blue with yellow eye ....	1 50	3 00
<b>Snowfall (Schneelawine).</b> Pure white.....	1 50	3 00

### OBCONICA

These are excellent pot-plants for winter blooming.

<b>Fasbender.</b> Very compact grower with enormous, deep crimson blooms..... ½ trade pkt. 60c..	1 00	2 00
<b>Mohnstein, Atrosanguinea.</b> Dark red.....	1 00	2 00
<b>Mohnstein, Kermesina.</b> Crimson.....	1 00	2 00
<b>Mueller.</b> (Berlin.) Bright rose.....	1 00	2 00
<b>Mueller and Mohnstein, Mixed.</b> Shades of pink and red.	1 00	2 00

### OBCONICA GIGANTEA

We have pleasure in listing several new shades of real giant Primulas, both in form and massive substance.

	Trade pkt.	¼oz.
<b>Giant Blue.</b> Wedgwood blue.....	\$1 00	\$2 00
<b>Giant Crimson.</b> Deep carmine-crimson.....	1 00	2 00
<b>Giant Pale Rose.</b> Delicate shade.....	1 00	2 00
<b>Giant Salmon.</b> Rich salmon-pink.....	1 00	2 00
<b>Giant Scarlet.</b> Dazzling scarlet.....	1 00	2 00
<b>Giant Hybrids, Mixed.</b> Magnificent mixture.....	1 00	2 00
<b>Monster, Mixed.</b> A large-flowering strain... ½oz. \$2.00..	1 00	

### PRIMULA OBCONICA GRANDIFLORA

<b>Hybrida, Mixed</b> .....	Trade pkt. 1/16oz.	\$1.50..	\$0 50
-----------------------------	--------------------	----------	--------

### MALACOIDES

	Trade pkt.	½oz.
<b>Dawkin's Carmine-Pink.</b> This new variety is a rich glowing carmine-pink and the flowers are large, on wiry stems of upright and graceful habit.....	\$0 50	\$3 00
<b>Lilac.</b> Improved Baby Primrose..... ½oz. \$1.00..	50	
<b>Princess Patricia.</b> Beautiful lavender-pink flowers, finely laced.....	50	2 00
<b>Pink Beauty.</b> Deep rosy pink flowers.....	50	1 00
<b>Snow Queen.</b> Single; white.....	75	

### FRINGED CHINESE VARIETY

<b>Michell's Prize Mixture.</b> This mixture contains only the very finest sorts..... ½ trade pkt. 1/16oz. \$3.00..	Trade pkt. \$0 60	Trade pkt. \$1 00
---	-------------------	-------------------

### KEWENSIS, Verbena-scented Yellow Primrose

Long spikes of yellow flowers.....	\$1.50 per ½oz.	50
------------------------------------	-----------------	----

## Rhodanthe • Everlasting Flower

<b>Mixed.</b> Annual. Fine for cutting.....	Trade pkt. \$0 15	Oz. \$0 50
---	-------------------	------------

## Ricinus communis • Castor-Oil Bean

Very effective plants on the lawn as centerpieces in beds of flowers such as cannas, etc.

	Oz.	¼lb.
<b>Cambodgensis.</b> Bronzy maroon. 5 ft.....	\$0 15	\$0 50
<b>Red Spire.</b> Leaves bronzy green with bright rosy crimson seed-spikes.....	15	50
<b>Sanguineus.</b> Blood-red stalks. 8 ft.....	15	50
<b>Zanzibarensis.</b> Large. Various colors. 12 ft.....	15	50
<b>Mixed.</b> All sorts.....	Lb. \$1.00..	10 30

## Rudbeckia • Coneflower

Tall-growing plants, flowering profusely all summer.

**Kelvedon Star.** A really good annual. The perfect, long-stemmed flowers are fine for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs surrounded by a mahogany zone on petals of deep orange. 3 ft. Trade pkt. 30c.; \$1.50 per oz.

## Salpiglossis • Painted Tongue

Easily grown and useful summer-flowering annuals; also suitable for greenhouse forcing. Very showy flowers, excellent for cutting.

	Trade pkt.	Oz.
<b>Crimson and Gold</b> .....	\$0 25	\$1 25
<b>Primrose</b> .....	25	1 25
<b>Purple and Gold</b> .....	25	1 25
<b>Rose and Gold</b> .....	25	1 25
<b>Scarlet and Gold</b> .....	25	1 25
<b>White and Gold</b> .....	25	1 25
<b>Emperor, Mixed.</b> Choice selection of large-flowering sorts.	20	1 00



Primula obconica, Michell's Fasbender

The new Scabiosas have better plants and produce more flowers



Salvia, Dwarf Fire King

Salvia • Flowering Sage

Much of the Salvia seed we offer has been saved from specimen plants grown at our own grounds at Andalusia, Pa. Seeds are plump, strong in germination, and will give superior satisfaction.

Note. Sow in February. A larger percentage of Salvia seed will germinate if sown after February 1.

**Dwarf Fire King.** Michell's Novelty. An extra-early variety, flowering about four weeks earlier than other existing types. Plants are of very compact habit, exceedingly dwarf, and completely covered with medium-sized, brilliant scarlet flowers. Trade pkt. 50c.; 85c. per 1/4oz.; oz. \$3.00. Trade pkt. Oz.

**America (Globe of Fire).** Of dwarf, bushy, compact growth, about 1 1/2 feet high, uniform in height and shape. Early and continuous bloomer. Brilliant scarlet flowers. \$0 50 \$2 50

**Bonfire (Clara Bedman).** Medium dwarf; compact growth. 1/4lb. \$7.00.. 40 2 00

**Splendens.** The old-fashioned tall variety with bright scarlet flowers. 1/4lb. \$4.00.. 30 1 25

**Zurich.** Dwarf. Very early flowering. Intense scarlet. 1/4lb. \$7.00.. 40 2 00

Sanvitalia • Creeping Zinnia

**Procumbens fl.-pl.** Bright yellow, double flowers. . . . . 30 1 25

Scabiosa • Mourning Bride

Magnificent annuals of easy culture and invaluable for cutting, also excellent for beds or borders.

Novelty Varieties for 1938

	Trade pkt.	Oz.
<b>Giant Salmon Beauty.</b> Pure salmon in color, with huge flowers. Splendid for cutting. . . . .	\$0 50	\$3 00
<b>Orchid Shades.</b> A mixture of orchid shades which makes this a very high-class florists' cut-flower. The blooms are extra large and are produced in quantities on strong, wiry stems. . . . .	40	2 50
<b>Rosette.</b> New large-flowering type in a beautiful shade of deep rose heavily suffused salmon. . . . .	30	1 50

GRANDIFLORA VARIETIES

	Trade pkt.	Oz.	1/4lb.
<b>Blue Cockade.</b> Large, deep azure-blue flowers. . . . .	\$0 20	\$0 75	
<b>Giant-flowering Hybrids.</b> Giant blooms in an unusual number of rare colors. . . . .	20	75	\$2 50
<b>Azure Fairy.</b> Light blue. . . . .	15	50	1 50
<b>Cherry-Red.</b> . . . . .	15	50	1 50
<b>Flesh-Pink.</b> . . . . .	15	50	1 50
<b>King of the Blacks.</b> Deep purple. . . . .	15	50	1 50
<b>Loveliness.</b> Flowers range through varying tones of delicate salmon-rose. . . . .	20	75	2 50
<b>Peach Blossom.</b> Peach-blossom-pink. . . . .	15	50	1 50
<b>Rose.</b> . . . . .	15	50	1 50
<b>White Shasta.</b> . . . . .	15	50	1 50
<b>Choice Mixed.</b> . . . . .	15	40	1 25

TOM THUMB VARIETY

**Choice Mixed.** Dwarf. 6 to 8 in. . . . . 15 40 1 25

Saponaria

	Trade pkt.	Oz.
<b>Vaccaria.</b> Profuse-blooming annual. Beautiful pink, feathery flowers. . . . .	1/4lb. 60c.; \$2.00 per lb. . . . .	\$0 20

Schizanthus • Butterfly Flower

<b>Dwarf Large-flowering.</b> A compact-growing variety and very free flowering. Excellent for pots. Mixture of popular shades. . . . .	1/4oz. \$1.25. \$0 50	
<b>Garraway's Hybrids.</b> A beautiful greenhouse strain, containing a wide range of colors. . . . .	40	2 00
<b>Giant Pansy-flowered.</b> Large pansy-flowered blooms in a wide range of rich colors. Excellent for cutting. . . . .	1/8oz. \$1.00. . . . .	50
<b>Hybridus grandiflorus, Mixed.</b> Dwarf. . . . .	20	75
<b>Wisetonensis.</b> Various colors. Fine for pots. . . . .	25	1 00

Sensitive Plant • Mimosa

**Pudica.** Flowers pinkish white. . . . . 15 50

Shamrock

**True Irish.** . . . . . 1/4lb. \$1.00. . . . . 15 40

Smilax • Myrsiphyllum

<b>Asparagoides.</b> A desirable greenhouse climber of great value for floral decorations. . . . .	1/4lb. \$1.50; \$5.00 per lb. . . . .	15 50
<b>SNAPDRAGON.</b> See Antirrhinum.		

Solanum

<b>Christmas Pepper.</b> An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. . . . .	25	1 00
<b>Cleveland Cherry.</b> A grand acquisition to this class of plants. Grows compact and produces scarlet berries in great profusion. . . . .	20	75

Statice • Everlasting Flower

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state.

ANNUAL VARIETIES

	Trade pkt.	Oz.
<b>Kampf's Tall Improved.</b> Deepest blue. Early flowering. . . . .	\$0 15	\$0 30
<b>Sinuata, True Blue.</b> . . . . .	15	30
<b>Sinuata, Lavender.</b> . . . . .	15	30
<b>Sinuata rosea superba.</b> . . . . .	15	30
<b>Sinuata, White.</b> . . . . .	15	30
<b>Sinuata, Yellow (S. Bonduelli)</b> . . . . .	15	30
<b>Sinuata, Mixed.</b> . . . . .	15	25
<b>Suworowi.</b> Russian or Rat Tail. Flowers bright rose color. . . . .	15	60

Stevia

**Serrata.** Fragrant white flowers. . . . . 30 1 50

Michell's Distinctive Stocks

GIANTS OF CALIFORNIA

This magnificent new group is so marked in improvement that we believe they will head the list in florists' forcing Stocks in the very near future. Giants of California are very early flowering, with a high percentage of double mammoth flowers and have the branching habit of the Bismarck. If planted close they will nearly attain the height of the Column Stock, approximately 2 1/2 to 3 feet. We can with confidence recommend this strain to the florist grower.

	1/2 trade pkt.	Trade pkt.	1/4oz.	Oz.
<b>Golden Gate.</b> Clear golden yellow. . . . .	\$0 30	\$0 50	\$1 00	\$3 50
<b>Monterey.</b> Bright pink. . . . .	30	50	1 00	3 50
<b>Pacific.</b> Light blue. . . . .	30	50	1 00	3 50
<b>Redwoods.</b> Blood-red. . . . .	30	50	1 00	3 50
<b>Santa Barbara.</b> Chamois. . . . .	30	50	1 00	3 50
<b>Santa Maria.</b> Pure white. . . . .	30	50	1 00	3 50
<b>Tahoe.</b> Lavender. . . . .	30	50	1 00	3 50
<b>Yosemite.</b> Rose. . . . .	30	50	1 00	3 50
<b>Splendid Mixture.</b> . . . . .	30	50	1 00	3 50

# Michell's Stocks for fragrance and cut-flower satisfaction

## EARLY GIANT IMPERIAL STOCKS, IMPROVED BISMARCK

An excellent addition to the early forcing class. They are of tall branching habit, 2 to 2½ feet high, with immense spikes of large, double flowers. Especially valuable for indoor culture for cutting.

**NEW SUPER-GIANT IMPERIAL.** This new group is a select strain for florists' use. The plants are base branching and produce 12 to 15 huge flower-spikes made up of individual florets that measure 2 inches or more in diameter.

	½ trade pkt.	Trade pkt.	Oz.
<b>Dark Blue.</b> New shade.....	\$0 40	\$0 75	\$4 50
<b>Rose Charm.</b> Rich deep rose.....	40	75	4 50
<b>Roselight.</b> Bright rose.....	40	75	4 50

	½ trade pkt.	Trade pkt.	Oz.
<b>Antique Copper.</b> Rich hellebore-red.....	\$0 30	\$0 50	\$3 00
<b>Apple Blossom.</b> Blush-pink.....	30	50	3 00
<b>Buttercup.</b> A deeper shade than canary-yellow..	30	50	3 00
<b>Canary-Yellow (Golden Ball)</b> .....	30	50	3 00
<b>Chamois.</b> Ivory, tinted old-rose.....	30	50	3 00
<b>Elk's Pride.</b> Intense royal purple.....	30	50	3 00
<b>Fiery Blood-Red.</b> Extra fine.....	30	50	3 00
<b>Golden Rose</b> .....	30	50	3 00
<b>Lavender</b> .....	30	50	3 00
<b>Lilac</b> .....	30	50	3 00
<b>Rose-Pink</b> .....	30	50	3 00
<b>White</b> .....	30	50	3 00
<b>Mixed Colors</b> .....	30	50	2 50

## GIANT COLUMN, NON-BRANCHING DOUBLE EXCELSIOR

This new type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together. We have discontinued listing the other separate colors in this type, due to its being practically impossible to obtain seed that will prove satisfactory and give a high percentage of doubles. Those listed are, in the opinion of most florist growers, the only reliable colors to grow.

	½ trade pkt.	Trade pkt.	¼oz.	Oz.
<b>Rose-Pink.</b> All-America Winner. 1/8oz. \$1.50..	\$0 60	\$1 00		
<b>Ball's White</b> .....	60	1 00	\$2 25	\$8 00
<b>Ball's Dwarf White</b> .....	60	1 00	2 25	8 00
<b>Chamois Rose (Chamois-Pink)</b> .....	60	1 00	2 25	8 00
<b>Silvery Lilac (Lilac-Lavender)</b> .....	60	1 00	2 25	8 00
<b>Mixed</b> .....	60	1 00	2 00	7 00

## EARLY-FLOWERING "NICE"

A branching Stock literally covered with blooms, which appear earlier than in any other strain.

	½ trade pkt.	Trade pkt.	Oz.
<b>Beauty of Nice.</b> Charming delicate pink.....	\$0 30	\$0 50	\$2 50
<b>Crimson King.</b> Deep red.....	30	50	2 50
<b>Midsummer Night.</b> Deep dark violet.....	30	50	2 50
<b>Mont Blanc.</b> Pure white.....	30	50	2 50
<b>Monte Carlo.</b> Canary-yellow.....	30	50	2 50
<b>Old Rose.</b> Extra fine.....	30	50	2 50
<b>Queen Alexandra.</b> Delicate lavender.....	30	50	2 50
<b>Choice Mixed.</b> All colors.....	30	50	2 00

## LARGE-FLOWERING DWARF TEN WEEKS

For bedding there is nothing more effective. Dwarf, compact plants with fine spikes and producing a large percentage of double flowers.

	½ trade pkt.	Trade pkt.	Oz.
<b>Blood-Red</b> .....	\$0 25	\$0 40	\$2 00
<b>Dark Blue</b> .....	25	40	2 00
<b>Light Blue</b> .....	25	40	2 00
<b>Pink</b> .....	25	40	2 00
<b>White</b> .....	25	40	2 00
<b>Yellow</b> .....	25	40	2 00
<b>Mixed</b> .....	25	40	1 75

## Sunflower • Helianthus

### ANNUAL VARIETIES

<b>Chrysanthemum-flowered.</b> Double; yellow.....	15	25
<b>Cut-and-Come-Again.</b> Single; yellow.....	15	25
<b>Double Globe (H. globosus fistulosus).</b> Rich yellow.....	15	25
<b>Dwarf Double (Globe of Gold).</b> Deep yellow.....	15	25
<b>New Red.</b> Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow.....	15	40
<b>Russian.</b> Large; yellow; single.....	05	25
<b>Stella.</b> Single; yellow, black center.....	15	25



Stocks, Giants of California

## Tagetes

	Trade pkt.	Oz.
<b>Signata pumila.</b> A fine bedding plant. Flowers golden yellow.....	\$0 15	\$0 60
<b>Signata pumila, Gnome.</b> This is a fine selection. The plants grow 4 to 6 inches high, spreading from 10 to 12 inches, and are completely covered with dainty golden orange flowers. Fine for pots and edging.....	20	1 00

## Tahoka Daisy

A beautiful free-flowering annual with fern-like foliage. The daisy-like flowers are a beautiful lavender-blue color and grow on good long stems, which make them splendid for cutting. Seed sown inside in April will commence to flower the latter part of June. For good germination, we suggest putting the seed in a refrigerator for a week or ten days.

Trade pkt. 40c.; \$2.50 per oz.

## Thunbergia • Black-eyed Susan

	Trade pkt.	Oz.
A very useful vine for baskets, vases, etc.		
<b>Mixed</b> .....	\$0 15	\$0 50

## Tithonia

<b>Speciosa.</b> Mexican Sunflower. A native of Mexico. The flowers remind one of a large single Zinnia. Color dazzling orange-scarlet. Makes a very salable cut-flower. 10 to 12 ft.....	25	1 50
---	----	------

## Torenia

Excellent for bedding, also for baskets, window-boxes, etc.		
<b>Fournieri compacta.</b> Dwarf. Blue. 8 in. . . 1/8oz. 75c... ..	40	
<b>Fournieri grandiflora.</b> Blue.....	40	2 50

## Venidium • Monarch of the Veldt

<b>Fastuosum.</b> A fine annual with deep golden orange, daisy-like flowers, with reddish brown centers. 2 to 3 ft..	40	3 00
<b>Fastuosum Hybrids.</b> New. Identical in habit with above, with a varied color-range from apricot to deep golden orange.....	40	3 50

# Michell's Winter-flowering Spencer or Orchid Sweet Peas



Sweet Peas

## Novelty Sweet Peas

EARLY OR WINTER FLOWERING

- Delicious.** This splendid new early-flowering variety is a lovely new color—a shade of pale salmon and cream delightfully blended. The flowers are huge, and the habit and length of stem are everything a good Sweet Pea should have. Oz. \$1.00; \$3.50 per 1/4lb.
- Ball's Improved Orange.** A splendid large-flowering clear, deep glowing orange sort. Oz. 50c.; \$1.75 per 1/4lb.; lb. \$6.50
- Bridesmaid.** Novelty. A delicate, sparkling shade of silver-pink and as vigorous and healthy and as slim and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower in a large table arrangement. Its large flowers are usually in fours on stems 14 to 16 inches long. An ideal variety for shipping. Oz. 40c.; \$1.25 per 1/4lb.; lb. \$4.00
- Eileen.** Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives it a brilliancy never before obtained in a Sweet Pea. Oz. 40c.; \$1.25 per 1/4lb.; lb. \$4.00
- Josie.** Rich, clear rose-pink; very large, long-stemmed flowers. A vigorous grower. Oz. 40c.; \$1.25 per 1/4lb.; lb. \$4.00
- Sequoia.** Novelty. Enormous, rich golden cerise flowers so frilled and with wings so widespread that unless one looks closely he mistakes a single flower for two. The folds of the petals have a tinge of russet. Free flowering and a strong, vigorous grower. Oz. 40c.; \$1.25 per 1/4lb.; lb. \$4.00
- Shirley Temple.** New. This Sweet Pea, which we consider the most beautiful we have ever originated, was obtained through a cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie, plus the dainty frilled and fluted flowers of Lady Gay. The color is softer and more beautiful than Pinkie. Stems long, with four very large blooms on each stem. (This is originator's description.) Oz. 40c.; \$1.25 per 1/4lb.; lb. \$4.00
- Sweet Briar.** A mammoth-flowering rich rose-pink on a white ground, with a touch of amber. The harmony of this combination is rich and gorgeous. Oz. 40c.; \$1.25 per 1/4lb.; lb. \$4.00

## New Varieties of Recent Introduction

	Oz.	1/4lb.	Lb.
<b>Eleanor Blue.</b> Clear light blue with a delightful silvery sheen.....	\$0 40	\$1 25	\$4 00
<b>Fragrance.</b> A clear lavender self; flowers large, beautifully frilled and on enormous, long, strong stems. Very free bloomer.....	40	1 25	4 00
<b>Majestic Rose.</b> Deep brilliant rose-pink.....	40	1 25	4 00
<b>Michell's Rose Wonder.</b> A beautiful clear, sparkling rose-pink color on a light ground. Very brilliant under artificial light.....	45	1 50	5 00
<b>Miss Annie Laurie.</b> The richest tone of pure rose-pink ever introduced in a Sweet Pea.....	40	1 25	4 00
<b>Sensation.</b> Duplex. The large duplex-petaled flowers give the blooms the appearance of being double. Color, a clear-toned, luminous geranium-pink which is a new shade in the early varieties and excellent under artificial light....	50	1 75	6 50
<b>Susanna.</b> Large flowers of a rich carmine color, on long stems. An improvement over existing varieties in this color.....	40	1 25	4 00
<b>Triumph.</b> A beautiful clear shade of soft lilac-mauve, without a tinge of purple or blue.....	50	1 75	6 50

## General List

	Oz.	1/4lb.	Lb.
<b>Amethyst.</b> An early royal purple.....	\$0 30	\$1 00	\$3 40
<b>Aviator.</b> Flowers extra large, dazzling crimson-scarlet.....	30	1 00	3 40
<b>Ball's Blue.</b> Fine form; clear even blue.....	30	1 00	3 40
<b>Ball's Orange.</b> Intense clear glowing orange....	30	1 00	3 40
<b>Ball's Rose Improved.</b> Sparkling shade of deep rose.....	40	1 25	4 00
<b>Blue Bird.</b> A charming shade of blue.....	30	1 00	3 40
<b>Burpee's Orange.</b> Clear, glistening orange.....	30	1 00	3 40
<b>Columbia.</b> Salmon standard; white wings.....	30	1 00	3 40
<b>Fascination.</b> Salmon-rose-pink color of the famous late Hawlmark Pink, plus the long, strong stem of the early Jeanne Mamitsch....	30	1 00	3 40
<b>Florence Michell.</b> An extra-fine deep blue.....	40	1 25	4 00
<b>Giant Rose.</b> A large, improved Zvolanek's Rose color. Extra-fine variety.....	30	1 00	3 40
<b>Glitters (Early Royal Scot).</b> Standard bright fiery orange; wings deep orange.....	30	1 00	3 40
<b>Grenadier.</b> Dazzling scarlet.....	30	1 00	3 40
<b>Harmony.</b> A beautiful clear lavender.....	30	1 00	3 40
<b>Hope.</b> The finest black-seeded pure white to date. Flowers of mammoth size.....	40	1 25	4 00
<b>Jeanne Mamitsch.</b> Flowers large, on long stems; color, a beautiful shade of rose-pink.....	30	1 00	3 40
<b>Lavender King.</b> Rich, true deep lavender throughout; of large size and well waved.....	30	1 00	3 40
<b>Mrs. Herbert Hoover (The California Blue).</b> Flowers are clear blue; stems very long.....	30	1 00	3 40
<b>Pink Profusion.</b> A sparkling shade of rich pink; flowers large.....	30	1 00	3 40
<b>Rose Queen.</b> A most attractive shade of rose-pink	30	1 00	3 40
<b>Snowstorm, Improved.</b> One of the best early-flowering white Sweet Peas to date.....	30	1 00	3 40
<b>Valencia.</b> A bright orange in color and absolutely sun-proof. Stems long.....	30	1 00	3 40
<b>White Harmony.</b> A black-seeded variety. Flowers large, pure paper-white, of grand substance, on long stems.....	30	1 00	3 40
<b>Zvolanek's Rose.</b> Rose-pink.....	30	1 00	3 40
<b>Michell's Winter-flowering Spencer, Mixed...</b>	25	75	2 50

## Summer-flowering Varieties

	Oz.	1/4lb.	Lb.
<b>Golden Dragon.</b> Very large duplex-flowered orange. The standard is a vividly bright orange, while the wings shade to a deeper, softer orange-rose.....	\$0 75	\$2 50	
<b>Maytime.</b> New. Huge individual flowers coming four and five to a stem. The color is a rich golden cerise.....	75	2 50	
<b>Asta Ohn Spencer.</b> Rich lavender.....	15	50	\$1 50
<b>Austin Frederick Improved.</b> Giant light lavender.....	15	50	1 50
<b>Avanche.</b> Glistening pure white.....	15	50	1 50
<b>Barbara.</b> Superb self-colored salmon.....	15	50	1 50
<b>Cheerie-O.</b> 1937 Novelty. Mammoth-flowering, deep begonia-rose, suffused with gold—a new color. Plants vigorous and free flowering; blooms exceedingly large and of perfect Spencer form. Particularly suitable for florists' work..	40	1 20	4 00
<b>Constance Hinton.</b> White. Black-seeded.....	15	50	1 50
<b>Countess Spencer.</b> A lovely clear pink.....	15	50	1 50
<b>Daffodil.</b> The best yellow yet introduced.....	15	50	1 50

# Michell's Verbenas give an all-season carpet of bloom

Summer-flowering Sweet Peas, continued	Oz.	1/4lb.	Lb.
<b>Elfrida Pearson.</b> Large; shell-pink.....	\$0 15	\$0 50	\$1 50
<b>Fiery Cross.</b> Intense orange-scarlet.....	15	50	1 50
<b>Fluffy Ruffles.</b> Giant ruffled type. Rose-pink, salmon shading.....	15	50	1 50
<b>Fortune.</b> Rich dark blue.....	15	50	1 50
<b>Giant Attraction.</b> Cream-pink.....	15	50	1 50
<b>Gleneagles.</b> Large; lavender.....	15	50	1 50
<b>Hawlmart Lavender</b> .....	15	50	1 50
<b>Hercules.</b> Giant; pure pink.....	15	50	1 50
<b>Huntsman.</b> Bright scarlet.....	15	50	1 50
<b>King White.</b> Extra large; pure white.....	15	50	1 50
<b>Peggy Ann.</b> A 1937 introduction of great beauty, in a rare new shade of salmon-pink. Bewitching under artificial light. Blooms are delightfully perfumed. Stems long and strong, with 4 large blooms.....	50	1 75	6 00
<b>Pinkie.</b> Rose-pink; extraordinary large flowers..	15	50	1 50
<b>Pirate Gold.</b> Golden orange.....	15	50	1 50
<b>Royal Purple.</b> Rich purple.....	15	50	1 50
<b>Snowball.</b> A fine pure white variety.....	15	50	1 50
<b>Wedgwood.</b> A lovely self blue.....	15	50	1 50

## SWEET PEAS IN MIXTURE

<b>Michell's Superb Spencer.</b> Blended from only the Giant Waved Spencer varieties including a number of new hybrids of exquisite colors and shades.....	15	40	1 10
<b>For Winter-flowering Spencer Sweet Peas</b> see page 24.			

## Vinca

	Trade pkt.	Oz.
An excellent bedding plant. Seed should be sown early.		
<b>Alba.</b> White, with rose center.....	\$0 20	\$0 75
<b>Alba pura.</b> Pure white.....	20	75
<b>Rosea.</b> Pink.....	20	75
<b>Mixed</b> .....	15	60

## Viola

<b>Avalanche.</b> Giant-flowering, pure white variety.....	50	3 00
<b>Arkwright Ruby.</b> This new variety is of the large-flowered type. Very fragrant, beautiful bright rosy crimson blooms, with terra-cotta shadings, make it a very outstanding variety..... 1/8oz. \$1.50..	50	
<b>Yellow Queen.</b> Another large-flowered type. Deep pure yellow flowers, coming practically 100 per cent true from seed. Plants are robust in habit and very free flowering. 1/8oz. \$2.00..	75	
<b>Jersey Gem.</b> This is the most popular and free blooming of all the Violas. Pure rich violet blooms. Dwarf in habit and continuously in bloom..... 1/8oz. \$2.00..	75	
<b>Bosniaca.</b> Johnny-jump-up. Free bloomer. Small leaves. Purple flowers.....	40	2 50
<b>G. Wermig.</b> Rich violet-blue. 8 in.....	50	5 00

## \*Viola Cornuta • Tufted Pansies

<b>Lord Nelson.</b> Large, violet-purple flowers. Fine bedding variety.....	50	3 00
<b>Chantreyland.</b> New. A fine new variety in a pure apricot, outstanding in color.....	50	5 00
<b>Admiration.</b> Dark blue.....	30	1 50
<b>Apricot Queen.</b> Large, apricot-yellow flowers, tinged orange.....	50	5 00
<b>Mauve Queen.</b> Lovely mauve color.....	40	2 00
<b>Perfection.</b> Light blue.....	30	1 50
<b>Rose Queen.</b> Compact habit. Rosy pink flowers.....	40	2 00
<b>White Perfection.</b> Pure white.....	30	1 50
<b>Yellow Perfection.</b> Golden yellow.....	30	1 50
<b>Mixed.</b> All colors.....	30	1 50
<b>Scotch Bedding, Mixed.</b> Produces larger flowers than <i>V. cornuta</i> .....	75	4 00

## Viola • Viola Odorata

<b>Single Blue Czar.</b> Hardy Garden Violet. Seed is of slow germination and should be sown in the fall and left outdoors over winter.....	50	2 50
---	----	------

## Virginian Stock

<b>Mixed.</b> An easy-growing border annual.....	15	25
--	----	----

## Wallflower

<b>Gold Standard.</b> Annual. Double; deep golden yellow; very fragrant. The finest variety for forcing.....	50	
--	----	--

## Xeranthemum • Everlasting Flower

<b>Double Mixed.</b> Annual. For winter bouquets.....	15	50
---	----	----

## Mixed or Wild Flower Garden Seed

A mixture of annuals containing a large number of varieties of easily grown and interesting flowers. Oz. 15c.; \$1.25 per lb.



Verbena, Beauty of Oxford Hybrids

## Michell's Verbenas

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free-flowering qualities, large size, and purity of colors. Seed should be sown early in order to get good plants for spring sales.

	Trade pkt.	Oz.	1/4lb.
<b>Crimson Glow.</b> The finest and deepest red shade available in this popular garden flower—a rich, glowing crimson. The flowers form a solid mass of color, making this variety a splendid addition for bedding or borders..	\$0 50	\$3 00	
<b>Apple Blossom.</b> Flowers are a delicate cameo-pink, a delightful new color in Verbenas. Individual florets are large; flower-heads measure 4 to 5 inches across....	40	2 50	
<b>Beauty of Oxford Hybrids.</b> A fine giant hybrid, resulting from a cross between <i>Luminosa</i> and <i>Beauty of Oxford</i> . The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. The individual florets measure over 1 inch in diameter. Originator's Stock Seed.....	40	2 50	
<b>Grandiflora, Lavender Glory.</b> This novelty is a true hybrid (and will come one-third white), but we consider the lavender flowers so worth while that we recommend it. Medium-sized, with creamy white eye. The individual floret will cover a fifty-cent piece. Very fragrant....	40	2 50	
<b>Newport Salmon (Michell's).</b> A fine giant-flowering, true salmon-pink with white eye. Extra-large florets. Comes absolutely true from seed.....	40	2 00	
<b>*Fireball.</b> Grows about 6 inches high and is literally covered with bright scarlet blooms. Excellent for borders and pot-plants.....	40	2 00	
<b>Etna.</b> The finest and brightest color in Verbenas—an intense geranium-red, with small yellow eye.....	40	2 00	
<b>Luminosa.</b> Gigantic blooms of flame-pink, toning to softer shades of pink and coral.....	30	1 50	
<b>Lucifer.</b> Large cardinal-red flowers.....	30	1 50	
<b>Royale.</b> Rich, deep royal blue flowers of enormous size, with creamy yellow eye.....	40	2 50	
<b>Mammoth Fancy, Golden Queen</b> .....	\$0 30	\$1 50	\$5 00
<b>Mammoth Fancy, Helen Willmott.</b> Bright pink.....	30	1 50	5 00
<b>Mammoth Fancy, Purple Mantle.</b> Purple.....	30	1 50	5 00
<b>Mammoth Fancy, Blue Shades</b> .....	25	1 25	4 00
<b>Mammoth Fancy, Pink Shades</b> .....	25	1 25	4 00
<b>Mammoth Fancy, Scarlet Shades</b> .....	25	1 25	4 00
<b>Mammoth Fancy, Striped</b> .....	25	1 25	4 00
<b>Mammoth Fancy, Pure White</b> .....	25	1 25	4 00
<b>Mammoth Fancy, Yellow Shades</b> .....	25	1 25	4 00
<b>Mammoth Fancy, Mixed</b> .....	25	1 00	3 75
<b>Erinoides.</b> Moss Verbena. Fine for baskets, etc. Purple flowers.....	25	1 00	
<b>Lemon-scented (Aloysia citriodora)</b> .....	50	3 00	
<b>Venosa.</b> Heliotrope-blue. Fine for bedding.....	25	1 00	

# Michell's Distinctive Zinnias

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.

## Fantasy or Chrysanthemum-flowered Varieties

**STAR DUST.** Novelty. All-America Winner. This informal Star Dust Zinnia will be welcomed with enthusiasm. It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich, deep golden yellow. Plants grow 2½ to 3 feet high. Free flowering and an early bloomer. This variety will come true from seed. Trade pkt. 40c.; \$2.00 per oz.

**MIXED COLORS (Bodger).** Novelty. The rounded flowers are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest of reds and oranges as well as the popular pastel pinks and creams. Trade pkt. 30c.; \$1.50 per oz.

## Zinnia linearis

A very unusual and interesting new type of Zinnia. The flowers are single, in a lovely shade of golden orange with a delicate lemon stripe through each petal. Plants are quite dwarf and extremely early flowering, commencing to bloom when the plants are 6 inches tall, and are continually a mass of bloom until late fall. The plants grow 8 to 10 inches tall and spread as much as 2 feet. Trade pkt. 30c.; \$1.50 per oz.

## Zinnia, New Gaillardia-flowered • Novelty

This is another of the newer type of Zinnias, the flowers of which strongly resemble the double *Gaillardia picta*. Plants grow to a height of 1½ to 2 feet, are free flowering, and produce blooms in a color-range of many delightful combinations. Trade pkt. 25c.; \$1.00 per oz.

## Scabious-flowered Zinnia

**AUTUMN TINTS, MIXED.** This new strain, which has been named Autumn Tints, is perfect in form of flower and comes true. The real beauty, however, is in the lovely coloring of the flowers, which range through all the gorgeous autumn tints and include orange, bronze, russet, dull red, carmine-red and intermediate shades. Fine for cut-flowers, having long stems and splendid keeping qualities. Trade pkt. 50c.; \$2.50 per oz.

## Desert Gold

A large-flowering type in shades of yellow and gold, each petal overlaid at the base with a deeper color, giving a charming bicolor combination. Trade pkt. 25c.; \$1.00 per oz.

## Dwarf Double-flowering or Cut-and-Come-Again Varieties

These grow about 2 feet high and are excellent for bedding as well as for cutting.

	Trade pkt.	Oz.	¼lb.
<b>Crimson</b> .....	\$0 15	\$0 50	\$1 75
<b>Pink</b> .....	15	50	1 75
<b>Pinkle.</b> Deep rose-pink.....	15	50	1 75
<b>Salmon-Rose</b> .....	15	50	1 75
<b>Scarlet</b> .....	15	50	1 75
<b>White</b> .....	15	50	1 75
<b>Yellow</b> .....	15	50	1 75
<b>Mixed</b> .....	15	40	1 25

## California Giants

These are larger than the Giant Robusta and are a cross between them and the Dahlia-flowered. This is an excellent, long-stemmed type suitable for cutting for florists.

	Trade pkt.	Oz.	¼lb.
<b>Brightness.</b> Deep rose.....	\$0 25	\$1 00	\$3 50
<b>Cerise Queen.</b> Orange-rose.....	25	1 00	3 50
<b>Daffodil.</b> Canary-yellow.....	25	1 00	3 50
<b>Enchantress.</b> Bright rose.....	25	1 00	3 50
<b>Golden Queen.</b> Golden yellow.....	25	1 00	3 50
<b>Grenadier.</b> Dark red.....	25	1 00	3 50
<b>Lavender Queen.</b> Rosy lavender.....	25	1 00	3 50
<b>Miss Willmott.</b> Soft pink.....	25	1 00	3 50
<b>Orange Queen.</b> Golden orange.....	25	1 00	3 50

## California Giant Zinnias, continued

	Trade pkt.	Oz.	¼lb.
<b>Purity.</b> Best white.....	\$0 25	\$1 00	\$3 50
<b>Salmon Queen.</b> Salmon-rose.....	25	1 00	3 50
<b>Scarlet Queen.</b> Deep scarlet.....	25	1 00	3 50
<b>Violet Queen.</b> Purple.....	25	1 00	3 50
<b>Finest Mixed</b> .....	20	75	2 50

## Giant Dahlia-flowered Varieties

### BODGER'S ORIGINAL STRAIN

Flowers are distinct from the ordinary Giant-flowered class, being of a true Dahlia-flowering type. Flowers extra large.

	Trade pkt.	Oz.	¼lb.
<b>Buttercup.</b> Deep creamy yellow.....	\$0 25	\$1 00	\$3 50
<b>Crimson Giant</b> .....	25	1 00	3 50
<b>Dream.</b> Deep lavender, turning to purple.....	25	1 00	3 50
<b>Exquisite.</b> Light rose, center deep rose.....	25	1 00	3 50
<b>Golden Dawn.</b> Bright golden yellow.....	25	1 00	3 50
<b>Golden State.</b> Orange-yellow.....	25	1 00	3 50
<b>Luminosa.</b> A new shade of clear bright pink.....	25	1 00	3 50
<b>Old-Rose</b> .....	25	1 00	3 50
<b>Oriole.</b> Orange and gold.....	25	1 00	3 50
<b>Polar Bear.</b> Pure white.....	25	1 00	3 50
<b>Purple Prince.</b> Deep purple.....	25	1 00	3 50
<b>Scarlet Flame.</b> Bright scarlet and orange.....	25	1 00	3 50
<b>Mixed</b> .....	20	75	2 50

## Lilliput Varieties

Beautiful miniature, perfectly double flowers, fine for bedding.

	Trade pkt.	Oz.
<b>Pastel Mixture.</b> In response to popular demand, we are pleased to offer this new mixture, which is composed solely of delicate shades not found in the ordinary mixture.....	\$0 20	\$0 75
<b>Canary-Yellow</b> .....	15	75
<b>Crimson Gem</b> .....	15	75
<b>Golden Gem</b> .....	15	75
<b>Purple Gem</b> .....	15	75
<b>Rosebud.</b> Rose-pink.....	15	75
<b>Salmon-Rose</b> .....	15	75
<b>Scarlet Gem (Red Riding Hood)</b> .....	15	75
<b>Valencia.</b> A new shade of burnt-orange.....	15	75
<b>White Gem</b> .....	15	75
<b>Mixed Colors</b> .....	15	60

## LILLIPUT, TOM THUMB

A new dwarf, compact variety, growing 6 to 10 inches high, in a fine range of bright colors. Excellent for potted plants or borders. Trade pkt. 30c.; \$1.50 per oz.

## Zinnia, Cupid

Small, button-like flowers produced freely on well-formed plants 1 foot high.

	Trade pkt.	Oz.
<b>Pixie.</b> Bright yellow.....	\$0 30	\$1 25
<b>Tiny Tim.</b> Bright scarlet.....	30	1 25
<b>Snow Drop.</b> Pure white.....	30	1 25
<b>Finest Mixed</b> .....	25	1 00

## Miscellaneous Varieties

	Trade pkt.	Oz.	¼lb.
<b>Pumila, Picotee, Delight.</b> An extra-select variety in light and deep salmon shades.....	\$0 30	\$1 50	
<b>Scabious-flowered, Mixed.</b> Medium-sized flowers, resembling the annual scabiosa. Fine for cutting.....	30	1 50	
<b>Curled and Crested, Mixed.</b> Petals curiously twisted and curled.....	20	60	\$2 25
<b>Giant Picotee, Mixed</b> .....	30	1 25	4 50
<b>Haageana Hybrids, Mixed.</b> Double variety from Mexico.....	30	1 50	

# Michell's Hardy Perennial Flower Seeds

Varieties marked \* are especially suitable for rock-gardens

## Achillea • Milfoil; Yarrow

Perennial, flowering all summer.

	Trade pkt.	Oz.
<b>Millefolium.</b> Bright magenta-red. 3 ft.....	\$0 30	\$1 50
<b>Ptarmica, The Pearl.</b> Pure white, double flowers. 2½ ft.	50	3 00

## Aconitum • Monkshood

Valuable perennial for planting in shady or semi-shady positions. Seed is of slow germination.

	Trade pkt.	Oz.
<b>Fischeri.</b> An improved strain. Compact habit with bright blue flowers. 3 ft.....	\$0 50	\$2 50
<b>Napellus.</b> Long spikes of blue flowers. 3 ft.....	30	1 50
<b>Wilsoni.</b> Rich blue. 6 to 7 ft.....	50	3 50

## Adonis

<b>*Vernalis.</b> A choice spring-flowering perennial with large yellow flowers. 1 ft.....	40	2 50
--	----	------

## Alyssum

<b>*Saxatile compactum.</b> Perennial. Golden yellow.....	20	75
<b>*Saxatile compactum, Silver Queen.</b> Pale primrose. Perennial rock-plant.....	25	1 00
<b>*Rock-Garden Hybrids, Mixed.</b> A rare perennial species.	50	3 00

## Ampelopsis

<b>Veitchi.</b> Boston or Japanese Ivy..... ¼lb. 75c...	15	25
---	----	----

## Anchusa

An excellent hardy perennial; very popular.

<b>Italica, Dropmore.</b> Bright blue.....	15	50
<b>Italica, New Hybrids.</b> An attractive mixture.....	40	2 00
<b>*Myosotidiflora.</b> Small forget-me-not-blue flowers. 15 in.	50	5 00

## Anemone • Windflower

Hardy perennial. Blooms excellent for cutting.

<b>Coronaria.</b> Mixed colors. 1 ft.....	20	75
<b>Coronaria, St. Brigid.</b> Semi-double. Various colors. 1 ft.	30	1 50
<b>Pulsatilla.</b> Pasque Flower. Violet-lilac. 1 ft.....	50	3 00



Aquilegia longissima

## Anthemis • Hardy Marguerite

	Trade pkt.	Oz.
<b>Tinctoria Kelwayi.</b> Daisy-like, bright yellow flowers. 2 ft.....	\$0 15	\$ 60
<b>*Montana.</b> Pure white. 1 ft.....	30	1 50

## Aquilegia • Columbine

One of the most popular, early-flowering, hardy perennials and very desirable for cutting.

	Trade pkt.	Oz.
<b>Longissima.</b> The longest spurred Aquilegia. Flowers are a delicate shade of yellow. Trade pkt. contains 200 seeds	\$0 50	
<b>Crimson Star.</b> Crimson and white..... 1/8oz. \$1.00..	50	
<b>*Alpina.</b> Blue and white. Fine for rock-gardens. 1½ ft..	30	\$1 50
<b>Californica hybrida.</b> Mixed colors.....	30	1 50
<b>Canadensis.</b> Scarlet and yellow.....	40	2 00
<b>Chrysantha.</b> Yellow.....	30	1 50
<b>Cerulea.</b> Blue and white.....	40	2 00
<b>Nivea grandiflora.</b> Pure white.....	25	1 00
<b>Rose Queen.</b> Deep rose.....	50	3 50
<b>Double Mixed</b> .....	15	50
<b>Single Mixed</b> .....	15	50

### SELECT LONG-SPURRED VARIETIES

These are unquestionably the finest types of this excellent garden perennial. Plants are of strong, robust growth and very free flowering.

	Trade pkt.	Oz.
<b>Blue Shades</b> .....	\$0 50	\$3 50
<b>Orange and Scarlet Shades</b> .....	50	3 50
<b>Pink and Rose Shades</b> .....	50	3 50
<b>Snow Queen.</b> Pure white.....	50	3 50
<b>Mrs. Scott Elliott's Select Strain.</b> Choice hybrids..	60	4 00
<b>Hybrids.</b> Mixed colors.....	40	2 00

## Arabis • Rock Cress

	Trade pkt.	Oz.
<b>*Alpina.</b> Dwarf, spring-flowering perennial for edging and rockery. Flowers pure white. 1 ft.....	\$0 15	\$0 50
<b>*Alpina rosea.</b> Bright rose flowers. Very dwarf. 8 in... ¼oz. \$2.00..	75	

## Armeria • Sea-Pink; Thrift

<b>Formosa.</b> A fine edging plant with deep pink flowers. Perennial. 2 ft.....	25	1 00
<b>*Lauchiana.</b> Flowers bright rosy red. Good perennial rock-plant. 6 in.....	40	4 00

## Asclepias • Butterfly Weed

<b>Tuberosa.</b> Showy perennial with brilliant orange-scarlet flowers. 2 ft.....	40	3 50
---	----	------

## Asperula

<b>Odorata.</b> Sweet Woodruff. Dwarf, hardy perennial with white flowers. 1 ft.....	20	75
--	----	----

## Perennial Aster • Michaelmas Daisy

<b>Choice Mixed Colors.</b> 3 ft.....	40	2 00
---------------------------------------	----	------

## Aster alpinus

<b>*Alpinus, Wartburg Star.</b> Extra-large, lavender-blue flowers..... 1/8oz. \$1.50..	50	
<b>*Alpinus.</b> Purple with large yellow center. 1 ft.....	40	2 00
<b>*Alpinus albus.</b> White with large yellow center. 1 ft...	40	2 00

## Aubrietia • Rainbow Rock-Cress

<b>*Bougainvillei.</b> Dark blue. 6 in.....	50	3 50
<b>*Deltoides.</b> A dwarf, spring-flowering perennial. Fine for rockeries. Lavender-blue flowers. 6 in.....	40	2 50
<b>*Leichtlini.</b> Rosy purple. 6 in..... 1/8oz. \$1.25..	50	
<b>*New Large-flowering Hybrids.</b> Mixed.....	50	3 00

## Auricula • Primula Auricula

<b>*Choice Mixed.</b> Hardy perennial with flowers of many beautiful colors. 6 in..... ¼oz. \$2.00..	50	
--	----	--

# Our Long-spurred Columbines are gems of beauty

## Baptisia • False Indigo

**Australis.** Tall, showy perennial plants, with spikes of deep blue flowers. 3 to 4 ft. Trade pkt. Oz. \$0 30 \$1 50

## Boltonia

**Latisquama.** Delicate pink, daisy-like flowers. 4 to 5 ft. 25 2 00

## Campanula • Bellflower

### Campanula Medium • Canterbury Bells BIENNIAL

<b>Calycanthemum, Blue.</b> Cup and Saucer.....	30	1 50
<b>Calycanthemum, Lilac</b> .....	30	1 50
<b>Calycanthemum, Pink</b> .....	30	1 50
<b>Calycanthemum, White</b> .....	30	1 50
<b>Calycanthemum, Mixed</b> .....	25	1 25
<b>Single Blue</b> .....	15	40
<b>Single Pink</b> .....	15	40
<b>Single White</b> .....	15	40
<b>Single Mixed</b> .....	15	40
<b>Double Blue</b> .....	25	1 00
<b>Double Pink</b> .....	25	1 00
<b>Double White</b> .....	25	1 00
<b>Double Mixed</b> .....	20	75

### MISCELLANEOUS VARIETIES

The taller sorts are splendid for cut-flowers and most decorative; the dwarf sorts make excellent border plants.

<b>*Carpatica, Blue.</b> Dwarf; 6 in. Trade pkt. Oz. \$0 20 \$0 80
<b>Carpatica, White.</b> Dwarf; 6 in. 20 80
<b>Latifolia macrantha.</b> Large; purplish blue. 2 ft. 30 1 50
<b>Persicifolia grandiflora, Blue.</b> Grows 3 to 4 feet high and produces large, bell-shaped flowers. 30 2 00
<b>Persicifolia grandiflora alba.</b> White. 30 2 00
<b>Persicifolia Moerheimi.</b> Semi-double; pure white. 2 ft. 50 4 50
<b>Persicifolia, Telham Beauty.</b> Large, China-blue bells. 2 1/2 ft. 75 \$1.25
<b>Pyramidalis, Mixed.</b> Chimney Bellflower. 5 ft. 25 1 25

## Candytuft • Iberis

<b>Gibraltarica.</b> Perennial. Lilac, shading to white. 25 1 00
<b>Sempervirens.</b> Perennial. Fine for edging borders. Flowers white. 40 2 00
<b>Tenoreana.</b> Lilac and white. 25 1 00

See page 10 for annual varieties

## Carnation, Perennial Varieties

The Grenadin Carnation is an excellent early-blooming, large-flowering type, fine for cut-flowers.

<b>Grenadin.</b> Trade pkt. Oz. \$0 40 \$2 50
<b>Black King.</b> A fine dark red. 40 2 50
<b>Cardinal.</b> Brilliant scarlet. 40 2 50
<b>Triumph Pink.</b> Pure rose-pink. 40 2 50
<b>White.</b> Snow-white. 40 2 50
<b>White Gold.</b> Beautiful soft yellow. 40 2 50
<b>Mixed</b> ..... 30 2 00
<b>Early Vienna, Mixed</b> ..... 30 1 50

## Catananche

**Cærulea.** Blue with dark eye. Excellent for cutting. Perennial. 2 1/2 ft. 30 1 25

## Centaurea, Perennial

<b>Macrocephala.</b> Golden yellow. 3 ft. 25 1 00
<b>Montana.</b> Hardy Cornflower. Violet-blue. 2 ft. 15 50

## Cerastium • Snow-in-Summer

**\*Tomentosum.** Dwarf perennial plant for edgings and rockeries. Silvery foliage. White flowers. 1 ft. 25 1 00

## Cheiranthus

**Allioni.** Siberian Wallflower. Brilliant orange. 15 40

## Chelone

Very showy hardy perennial bedding plant. Blooms fine for cutting.

<b>Barbata Torreyi.</b> Brilliant scarlet. 4 ft. Trade pkt. Oz. \$0 20 \$0 80
<b>Barbata, Mixed.</b> Various colors. 4 ft. 20 80

## Chrysanthemum, Perennial Varieties

<b>*Mawi.</b> Rich pink flowers. Silvery foliage. Ideal for borders or rockery. Perfectly hardy. 1 ft. 1/16 oz. \$1.00. Trade pkt. Oz. \$0 50
<b>Shasta Daisy, New Giant Double White.</b> Flowers extra large, on long, stiff stems, fine for cutting. Will flower from seed in 5 months. 1/16 oz. \$1.50. 50
<b>Geisha.</b> Cascade or Japanese Balcony Chrysanthemum. New single-flowering varieties, mixed. 1/4 oz. \$1.50. 50
<b>Japanese Hybrids, Mixed.</b> Autumn flowering. 40 \$3 50
<b>Early-flowering, Double and Semi-double, Mixed.</b> Valuable for pot-plants or cut-flowers. 50 5 00
<b>Shasta Daisy, Alaska.</b> Pure white. 25 1 00
<b>Shasta Daisy, Conqueror.</b> Giant-flowering white. 20 75

## Clematis

**Paniculata.** A popular hardy climber with white star-shaped flowers. 1/4 lb. \$1.50. 15 50

## Coreopsis

A fine hardy perennial and excellent for cutting.

<b>Lanceolata grandiflora.</b> Large; golden yellow. 15 30
<b>Lanceolata grandiflora fl.-pl.</b> Double-flowering Coreopsis. Double and semi-double flowers. 20 75
<b>Mayfield Giant.</b> Extra-large flowers. Plants tall and of vigorous growth. 20 75

## Daisy, Double English

### Bellis perennis

The Monstrosa varieties surpass all other strains in their strong, robust growth and extra-large, double flowers. 6 in. Trade pkt. Oz.

<b>Monstrosa tubulosa, Bernina.</b> White, changing to pink. \$0 50 \$2 50
<b>Monstrosa tubulosa, Monterosa.</b> Pure rose. 50 2 50
<b>*Monstrosa, Etna.</b> Dark red. 50 2 50
<b>*Monstrosa, Pink</b> ..... 40 2 00
<b>*Monstrosa, White</b> ..... 40 2 00
<b>*Monstrosa, Mixed</b> ..... 40 2 00
<b>*Double Mixed.</b> A fine mixture. 30 1 25

## Dianthus • Pinks

### HARDY GARDEN VARIETIES

<b>Loveliness.</b> New. An exquisite, single, mauve-pink sort, with delightful fragrance. 1/16 oz. \$1.00. 50
<b>Mrs. Sinkins.</b> Double; pure white. 1/16 oz. \$1.00. 50
<b>*Allwoodi alpinus.</b> Flowers from seed the first year. A perfect gem for the rock-garden. Choice assortment of colors. 4 to 6 in. 1/4 oz. \$2.00. 50
<b>*Plumarius, Cyclops.</b> Single Perpetual Grass Pinks. Assorted colors, with blood-red eye. 25 1 00
<b>*Cæsius.</b> Cheddar Pink. Pink. 30 1 25
<b>Clove-scented, Double and Semi-double, Mixed</b> ..... 30 1 25
<b>*Deltoides, Brilliant.</b> Maiden Pink. Dwarf. Brilliant carmine. 30 1 50
<b>Double Scotch, Mixed.</b> Choice colors. 30 1 25
<b>Latifolius atrococcineus fl.-pl.</b> Double Everblooming Sweet William. Double; scarlet. 20 75
<b>Pheasant's Eye, Mixed.</b> Single; fringed. 15 50

### Rock-Garden Varieties

\*A special mixture of 25 rare varieties of Dianthus well adapted for rock-gardens. Trade pkt. 50c.; \$3.00 per oz.

## Dictamnus • Gas-Plant

Dictamnus seed is slow of germination; sow in coldframe in the fall and leave undisturbed until spring.

<b>Fraxinella.</b> Perennial. Purple-red flowers. 2 1/2 ft. Trade pkt. Oz. \$0 30 \$2 00
--

## Digitalis • Foxglove

<b>Giant Shirley, Mixed.</b> An excellent giant strain, growing 3 to 5 feet high, with enormous spiked flowers. 20 60
<b>Purpurea gloxiniaeflora, Pink</b> ..... 20 60
<b>Purpurea gloxiniaeflora, Purple</b> ..... 20 60
<b>Purpurea gloxiniaeflora, White</b> ..... 20 60
<b>Purpurea gloxiniaeflora, Mixed</b> ..... 15 50
<b>Grandiflora.</b> Light yellow. 25 1 00
<b>Monstrosa.</b> Mammoth spikes; various colors. 20 75

## Doronicum

**Caucasicum.** Yellow, daisy-like flowers. Seed germinates slowly. 2 ft. 1/16 oz. \$2.00. 1 00



# Our Hybrid Delphiniums are breathtakingly magnificent

## Delphinium · Perennial Larkspur

One of the most popular perennials. Excellent for cutting.

**SUPER-GIANT PACIFIC HYBRIDS.** This superb new strain is, without doubt, the finest in existence. The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the Originator's stock seed only. Trade pkt. contains approximately 700 seeds.

	Trade pkt. $\frac{1}{16}$ oz.
<b>White Majesty.</b> Pure white .....	\$1 50 \$3 50
<b>Mixed.</b> Choice hybrids .....	1 00 2 25

**Blackmore & Langdon's Imported Strain.** A new improved type of this fine English variety. Plants are of strong, vigorous growth and produce immense spikes of large flowers. Every describable shade of blue is in this mixture. Trade pkt. 50c.; \$3.00 per oz.

**English Hollyhock, Watkin Samuels' Wrexham Strain.** The finest large-flowered type to date. Immense spikes.

	Trade pkt. $\frac{1}{4}$ oz.	Oz.
<b>Art Shades</b> .....	\$0 75	\$2 00
<b>Deep Blue Shades</b> .....	75	2 00
<b>Light Blue Shades</b> .....	75	2 00
<b>Selected Mixture</b> .....	50	\$5 00

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.
<b>Blue Grotto.</b> Deep blue with cream center .....	\$0 50	\$4 00	
<b>Summer Cloud.</b> A fine new pure white type .....	50	3 50	
<b>Belladonna Improved (Cliveden Beauty).</b> A very select strain. Turquoise-blue .....	40	1 75	\$6 50
<b>Belladonna.</b> Regular Strain .....	25	1 25	4 50
<b>Bellamosum, Improved.</b> A dark blue type of Belladonna .....	40	1 75	6 50
<b>Bellamosum.</b> Regular Strain .....	25	1 25	4 50
<b>Cardinale.</b> Large, brilliant scarlet flowers .....	40	2 50	
<b>Grandiflorum (chinense).</b> Blue. 3 ft. ....	20	75	
<b>Grandiflorum album (chinense album).</b> White. 3 ft. ....	20	75	
<b>Michell's Gold Medal Hybrids.</b> A fine strain. Long spikes of large flowers .....	25	1 00	3 50



Delphinium, English Hollyhock

### Echinops · Globe Thistle

**Ritro.** Fine hardy perennial, with thistle-like leaves and steel-blue flowers. 5 ft. Trade pkt. \$0 15 Oz. \$0 40

### Edelweiss · Leontopodium

**\*Alpinum.** An excellent perennial rock-plant with silvery white flowers. Trade pkt.  $\frac{1}{8}$ oz. \$1.00.. 50

### Erigeron · Fleabane

**Speciosus grandiflorus.** A summer-flowering perennial plant, with large, rosy lilac, aster-like flowers. 2 ft. 40 2 00

### Erinus

**\*Alpinus.** Fine spring-blooming, perennial rock-plant. Mixed colors. Trade pkt.  $\frac{1}{2}$ oz. \$1.25 75

### Eryngium

An ornamental perennial plant, with round heads of flowers which can be cut and dried for winter bouquets. Trade pkt. Oz.

**Amethystinum.** Metallic blue flowers. 3 ft. \$0 40 \$2 00

### Eupatorium

**Fraseri.** A fine perennial and useful for cutting. Flowers white. 3 ft. 25 1 00

### Gaillardia

#### PERENNIAL VARIETIES

Very showy and excellent for the border or for cutting. 2 1/2 to 3 ft. Trade pkt. Oz.

**\*Grandiflora, Goblin.** A new, dwarf, compact variety especially suited for the rock-garden, the plants attaining a height of 12 to 15 inches, and covered with large, showy, deep red flowers. \$0 50 \$3 50

**Grandiflora, Burgundy.** Bright coppery red blooms on long stems. Very free. Comes 60 to 80 per cent true from seed. 40 2 50

**Grandiflora, Portola Hybrids.** Flowers of immense size, bronzy red with golden-tipped petals. 25 1 25

**Grandiflora, Tangerine.** New. Giant orange flowers, overlaid with red. 30 1 50

**Grandiflora, Semi-double, Mixed**  $\frac{1}{4}$ lb. \$2.50.. 20 75

**Grandiflora superba, Mixed**  $\frac{1}{4}$ lb. \$1.75.. 15 50

### Gentiana · Blue Gentian

**\*Acaulis.** Dwarf hardy perennial. Deep blue flowers. 5 in. Trade pkt. Oz. \$0 50 \$3 00

### Geum

Beautiful hardy perennials, bearing a profusion of large, showy, double flowers the entire summer. Trade pkt. Oz.

**Atrosanguineum fl.-pl.** Dark crimson. 2 ft. \$0 30 \$1 25

**Lady Stratheden.** Golden yellow. 2 ft. 40 2 00

**Mrs. Bradshaw.** Brilliant scarlet flowers. 2 ft. 40 2 00

### Gypsophila · Baby's Breath

**Oldhamiana.** Bright pink, fragrant flowers. Hardy perennial. 30 1 50

**Paniculata.** Perennial. Graceful sprays of white flowers. 3 ft.  $\frac{1}{4}$ lb. \$1.25.. 15 40

**Paniculata fl.-pl.** Perennial. Double white flowers. Comes 30 to 40 per cent true. 3 ft. 50 3 50

**\*Repens.** A pretty trailing perennial with tiny white flowers. Fine for the rock-garden. 6 in. 25 1 25

**\*Repens rosea.** Pinkish white flowers. 6 in. 30 2 00

### Helenium

**Autumnale superbum.** Perennial. Large heads of golden yellow flowers. 3 ft. 50 3 50

### Helianthemum · Rock-Rose

**\*Nummularium mutabile.** Perennial. Very pretty rock-plant, with masses of blooms from July to September. Mixed colors. 8 in. 25 80

### Heliopsis · Perennial Sunflower

**Scabra zinniaeflora.** Semi-double; yellow. 3 ft. 25 1 00

**Soleil d'Or.** Double; golden yellow. 5 ft. 20 75

### Helleborus

**Niger.** Christmas Rose. Perennial. Seed germinates slowly. 15 in. 25 75

# White Swan is the finest new Lily

## Heuchera

<b>Sanguinea.</b> Coral-Bells. Hardy perennial. Small crimson flowers. Excellent for cutting. 2 ft. ....	Trade pkt. \$0 50	1/8oz. \$1 00
<b>Brizoides.</b> Bright rose. 2 1/2 ft. ....	50	1 50

## Hibiscus • Marshmallow

A very showy perennial, growing 4 feet high. Flowers of enormous size, often 10 to 12 inches in diameter.

	Trade pkt.	Oz.
<b>Giant Dark Red</b> .....	\$0 15	\$0 60
<b>Giant Pink</b> .....	15	60
<b>Giant White</b> .....	15	60
<b>Giant Choice Mixed</b> .....	15	50



Double Hollyhock

## Hollyhock

Our seed of this popular perennial plant is saved from extra-fine double flowers and cannot be surpassed.

**Triumph. New.** A fine type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular strain. Choice mixed colors. Trade pkt. 40c.; \$2.00 per oz.

<b>Double Newport Pink.</b> Pure pink. Trade pkt. 30c.; \$1.50 per oz.; 1/4lb. \$4.50.
<b>Chater's Double Maroon.</b> Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.
<b>Chater's Double Pink.</b> Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.
<b>Chater's Double Red.</b> Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.
<b>Chater's Double Salmon.</b> Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.
<b>Chater's Double White.</b> Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.
<b>Chater's Double Yellow.</b> Trade pkt. 30c.; \$1.25 per oz.; 1/4lb. \$4.00.
<b>Chater's Double Mixed.</b> Trade pkt. 25c.; \$1.00 per oz.; 1/4lb. \$3.50.
<b>Double Everblooming Mixed.</b> Trade pkt. 15c.; 50c. per oz.; 1/4lb. \$1.50.

### SINGLE HOLLYHOCK

<b>Mixed Colors.</b> Trade pkt. 15c.; 50c. per oz.; 1/4lb. \$1.50.
--

See page 66 for Hollyhock Plants

## Honesty • Lunaria

<b>Biennis alba.</b> Biennial. Admired for its silvery seed panicles. 3 ft. ....	Trade pkt. \$0 15	Oz. \$0 60
--	-------------------	------------

## Incarvillea

<b>Delavayi.</b> Hardy Gloxinia. Perennial. A good plant for the hardy border, producing masses of showy, gloxinia-like flowers. Should be protected over the winter. 2 ft. ....	50	4 00
--	----	------

## Lathyrus latifolius • Perennial Pea

A hardy climber, growing 6 feet high.

<b>Crimson</b> .....	15	50
<b>Pink Beauty.</b> Bright pink .....	15	50
<b>White</b> .....	15	50
<b>Choice Mixed</b> .....	15	40

## Lavender • Lavandula

<b>Vera.</b> True Lavender. Perennial. Fragrant blue flowers. 2 ft. ....	20	75
--	----	----

## Liatris

<b>Pycnostachya.</b> A showy perennial border plant with rosy purple flowers. Excellent for cutting. 4 ft. ....	Trade pkt. \$0 25	Oz. \$1 00
<b>Scariosa.</b> An improved strain, with larger flowers and more spreading habit than the above. Clear rose-purple. ....	40	2 50

## Lily • Lilium

<b>White Swan.</b> Michell Novelty. A giant, snow-white, early-flowering variety of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will flower in approximately 8 months from seed. .... Trade pkt. (600 seeds) ..	75	5 00
<b>Philippinense formosanum.</b> Resembles an Easter Lily. Will bloom in 6 to 8 months from time seed is sown. 3 ft. ....	30	1 75
<b>Regale (L. myriophyllum).</b> Perfectly hardy. Excellent for forcing. Flowers waxy white. ....	20	75
<b>Tenuifolium.</b> Siberian Lily. Coral-red. 20 in. ....	20	75

## Linaria

<b>Cymbalaria.</b> Kenilworth Ivy. Perennial. For baskets, vases, etc. Flowers violet. ....	30	1 50
---	----	------

## Linum • Flax

<b>Flavum.</b> Perennial. Yellow. 2 ft. .... 1/4oz. \$1.00 ..	40	
<b>Perenne.</b> Perennial. Large blue flowers. 1 1/2 ft. ....	15	40

## Lobelia

<b>Cardinalis.</b> Cardinal Flower. Stately, perennial plants with spikes of cardinal-red flowers .....	50	6 00
---	----	------

## Lupinus polyphyllus

Effective perennial plants with large spikes of flowers.

<b>Autumn Tints.</b> Buff and orange shades. 20 in. ....	25	1 00
<b>Blue</b> .....	15	25
<b>Brightest and Best.</b> Extra-long spikes of bright red blooms. ....	25	1 00
<b>Gold Crest.</b> Tall; golden yellow. ....	25	1 00
<b>Luteus.</b> Yellow shades. ....	25	1 00
<b>Moerheimi.</b> Pink and white. ....	20	75
<b>Roseus.</b> Soft pink. ....	15	50
<b>Salmon Queen.</b> Salmon shades. ....	30	1 50
<b>White</b> .....	15	25
<b>Mixed.</b> All colors. .... 1/4lb. 75c. ....	15	25
<b>New Hybrids, Mixed</b> .....	20	75

## Lychnis

Hardy perennial plants of easy culture.

<b>Arkwrighti.</b> Fine new hybrids. Free flowering. ....	25	1 25
<b>Chalcedonica.</b> Scarlet cross-like flowers. 2 ft. ....	15	40
<b>Haageana hybrida, Mixed.</b> Various colors. 1 ft. ....	30	1 50
<b>*Viscaria splendens.</b> Bright rose-red. ....	20	1 00

## Lythrum

<b>Roseum superbum.</b> Fine hardy perennial. Rosy pink flowers from July to September. 3 ft. ....	20	75
--	----	----

## Myosotis • Forget-me-not

<b>Alpestris, Victoria.</b> Bright blue. Dwarf. ....	30	1 50
<b>Blue Basket.</b> Dark blue. Upright growth. ....	30	2 00
<b>Dwarf Indigo Blue.</b> A fine dark blue. ....	30	1 50
<b>Grandiflora alba.</b> White. ....	20	75
<b>Grandiflora rosea.</b> Pink. ....	20	75
<b>Michell's Winter-flowering.</b> The finest variety for forcing. Long stems. Large, deep blue flowers. ....	40	2 00
<b>Palustris semperflorens.</b> Everblooming. Blue. ....	30	1 50
<b>Choice Mixed</b> .....	15	50

## Nepeta

<b>*Mussini.</b> A favorite perennial rock-plant with blue-gray foliage and pale mauve flowers. ....	40	2 00
--	----	------

## Oenothera • Evening Primrose

Beautiful, free-flowering, hardy perennial plants.

<b>Missouriensis.</b> A prostrate-growing variety with bright yellow flowers .....	50	3 00
<b>Youngi.</b> Showy, large yellow flowers .....	50	3 00

## Pentstemon

<b>Sensation.</b> Largely used for bedding. Should be treated the same as petunias, verbenas, etc. Mixed colors. 3 ft. ....	50	3 00
<b>New Hybrids Mixed.</b> Hardy perennial. Large spikes. ....	30	2 00



Polyanthus

**Polyanthus · Primula polyantha**

Spring-flowering perennials for pot-culture or the garden. Trade pckt. Oz.

- \***Gold-laced.** Very showy. . . . . 1/4oz. \$2.00.. \$0 50
- \***English, Mixed.** Single flowers. . . . . 40 \$3 00

**Hardy Phlox**

Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring. Trade pckt. Oz.

- Decussata, Mixed.** Choice selection . . . . . \$0 40 \$2 00

**Physalis · Chinese Lantern Plant**

- Francheti.** Perennial. Orange-scarlet fruits. 2 1/2 ft. . . . 20 75

**Physostegia**

- Virginiana.** Perennial border plant with tubular, pink flowers. 4 ft. . . . . 30 1 50

**PINKS.** See Carnation and Dianthus.

**Platycodon · Japanese Balloon Flower**

A very desirable perennial that is excellent for the permanent border or among shrubbery. Trade pckt. Oz.

- Grandiflorum.** Blue. 28 in. . . . . \$0 25 \$1 00
- Grandiflorum album.** White. 28 in. . . . . 25 1 00

**Polemonium · Jacob's Ladder**

A good hardy perennial with bell-shaped flowers. 2 1/2 ft.

- Ceruleum.** Blue. . . . . 15 50

**Primulas**

**HARDY VARIETIES**

The following varieties of Hardy Primulas are very popular. However, the germination of the seed is very slow.

- \***Veris Kleyni.** A new giant *Primula veris* which produces immense heads of 15 to 25 florets, each floret averaging 1 to 1 1/2 inches in diameter. Color rich golden yellow shaded apricot toward the center. The flowers are carried on heavy stems 8 to 12 inches long, and each plant produces 6 to 8 flower-spikes. Perfectly hardy outside, and can also be forced successfully for winter blooming. Ideal for the rockery. Trade pckt. (250 seeds), \$1.00; \$4.00 per 1000 seeds. Trade pckt. Oz.
- \***Veris, Mixed.** Cowslip. . . . . \$0 40 \$2 50
- \***Veris, Giant Munstead Strain.** Flowers large, in beautiful shades, including yellow and white. 1 ft. . . . . 50 6 00
- \***Vulgaris.** English Yellow Primrose. . . . . 50 3 00

**Poppy · Papaver**

**PERENNIAL VARIETIES**

- |   | Trade pckt. | Oz.    |
|---|-------------|--------|
| * <b>Alpinum, Mixed.</b> Dwarf alpine variety. Fine for the rockery. 8 in. . . . .  | \$0 50      | \$4 00 |
| <b>Iceland</b> ( <i>P. nudicaule amurense</i> ), <b>Yellow Wonder.</b> All-America Winner. This new Iceland Poppy is undoubtedly the finest and largest-flowered variety to date. Flowers bright buttercup-yellow with a lighter center, and 4 inches across. Fine for cutting. . . . 1/4oz. \$1.50.. | 75          |        |
| <b>Iceland, Coonara Pink Shades.</b> A fine strain in beautiful pink art shades. Long stems and large flowers, no washy shades. A fine novelty. . . . .   | 40          | 2 50   |
| <b>Iceland, El Monte.</b> Very large, tangerine-orange flowers. Comes true from seed. Fine for cutting. . . . .   | 40          | 2 50   |
| <b>Iceland, Fakenham Hybrids.</b> Flowers 2 1/2 to 3 inches across. Extremely free flowering. Finest mixed. 2 ft. . .   | 40          | 2 50   |
| <b>Iceland, Gartref New Hybrids.</b> Fine range of art shades. . . . .  | 40          | 2 50   |
| <b>Iceland, Orange-Scarlet</b> . . . . .  | 25          | 1 00   |
| <b>Iceland, White</b> . . . . .   | 25          | 1 00   |
| <b>Iceland, Yellow</b> . . . . .  | 25          | 1 00   |
| <b>Iceland, Single Mixed</b> . . . . .  | 20          | 75     |
| <b>Iceland, Sunbeam.</b> New. Splendid mixed hybrids . . . .  | 25          | 1 50   |
| <b>Orientele.</b> Deep scarlet. . . . .   | 20          | 75     |
| <b>Orientele, Mrs. Perry.</b> Rich salmon-pink. . . . .   | 50          | 3 50   |
| <b>Orientele, Royal Scarlet</b> . . . . .   | 50          | 3 50   |
| <b>Orientele Hybrids, Mixed</b> . . . . .   | 25          | 1 00   |

**Pueraria · Kudzu Vine**

- Thunbergiana.** Perennial climber. Rosy purple, pea-shaped flowers. . . . . 15 40

**Pyrethrum hybridum**

**PERENNIAL VARIETIES**

Undoubtedly among the best hardy perennials, both for garden work and cut-flower purposes. For the florist, a row of two to three hundred plants will prove very useful. Absolutely hardy and of very easy culture. 2 1/2 ft. Trade pckt. Oz.

- Atrosanguineum.** Single; dark red shades. . . . . \$0 50 \$2 50
- Roseum.** Single; pink shades. . . . . 40 2 00
- Uliginosum.** Single; giant white. . . . . 40 2 00
- Hybridum, Single, Mixed** . . . . . 30 1 50
- Hybridum, Choice Double, Mixed** . . . . . 50 3 50

**Ranunculus**

- Asiaticus superbissimus, Mixed.** A perennial plant, suitable for beds and borders or for pots. Fine for cutting. 1 ft. . . . . 15 60

**Rudbeckia · Coneflower**

- Newmani.** Perennial. Yellow with purple cone. 2 ft. . . . 25 1 50
- Purpurea.** Giant Purple Coneflower. Perennial. Reddish purple with large brown center. 4 ft. . . . . 25 1 00

**Salvia**

**PERENNIAL VARIETIES**

- Azurea grandiflora.** Perennial variety producing spikes of sky-blue flowers during August and September. 3 to 4 ft. . . . 40 2 00
- Blue Bedder.** Perennial. A new variety of *Farinacea* of very compact form. Flowers of a deep blue shade, borne profusely. Flowers from seed first year. . . . . 50 3 00
- Farinacea.** Perennial, but best grown as an annual. Light blue. . . . . 30 1 50
- Patens.** Rich deep blue. . . . . 50 3 50

**Saponaria**

- \***Ocymoides.** Fine hardy plants for the rockery or border. Rose-colored flowers. 1 ft. . . . . 15 60

**Saxifraga**

- \***Decipiens Hybrids, Mixed.** Charming little perennial plants, excellent for the rockery . . . . . 1/8oz. \$1.25.. 75

**Sedum · Stonecrop**

- \***Acre.** Perennial. The well-known yellow variety. Very useful in the rock-garden. . . . . 1/8oz. \$1.50.. 75

# Perennial Scabiosas are the finest of cut-flowers



Scabiosa caucasica

## Scabiosa • Mourning Bride

### PERENNIAL VARIETIES

The seed of the perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

	Trade pkt.	Oz.
<b>Caucasica, Giant Hybrids. Isaac House Strain.</b> A fine improvement in the Caucasica strain, with flowers one-third larger and with longer stems. Colors range from light lavender to dark blue. Excellent for florists' use.	\$0 50	\$3 00
<b>Columbaria Anthemifolia.</b> A low-growing variety, producing large flowers from 2 to 2½ inches across, of a delightful shade of pink. A valuable florists' cut-flower.	40	2 50
<b>Columbaria, Lavender</b>	40	2 50
<b>Caucasica.</b> Light blue.	40	2 50
<b>Caucasica alba.</b> White.	40	2 50
<b>Japonica.</b> Lavender-blue.	15	50

### Senecio

<b>Clivorum, Orange Queen.</b> Fine for perennial borders. 4 ft.	30	1 25
--	----	------

### Shasta Daisy

<b>New Giant Double White.</b> Fine for cutting. Flowers are about 5 inches in diameter and have the appearance of a giant aster.	50	1.50
<b>Alaska.</b> Pure white. Excellent for cutting.	25	1 00
<b>Conqueror.</b> Giant-flowering white.	20	75

### Silene • Catchfly

Attractive, profuse-blooming perennial plants.

<b>*Schafta.</b> Rose. 8 in.	25	1 50
------------------------------	----	------

### Statice • Everlasting Flower

Frec-flowering perennial plants, valuable for cutting or decoration, either when fresh or in their dried state.

	Trade pkt.	Oz.
<b>Caspia.</b> Lilac. 3 ft.	\$0 50	\$2 50
<b>Dumosa.</b> Silvery gray. 2½ ft.	40	2 00
<b>Latifolia.</b> Large, deep blue flowers.	25	1 00

SEE PAGES 5 TO 26 FOR COMPLETE LIST OF SEEDS OF ANNUALS AND GREENHOUSE PLANTS

### Stokesia • Cornflower Aster

One of the most desirable hardy perennial plants for the border and excellent for cutting.

<b>Cyanea.</b> Lavender-blue.	Trade pkt.	Oz.	
	\$0 30	\$1 50	

### Sweet Rocket • Hesperis

<b>Mixed.</b> Hardy perennial. Purple and white, fragrant flowers. 3 ft.	15	40
--	----	----

### Sweet William • Dianthus barbatus

	Trade pkt.	Oz.	¼lb.
<b>*Dwarf or Alpine.</b> A fine new strain of dwarf type, suitable for edging and rock-gardens. Color-range a selection of many bright and dark shades.	\$0 50	\$4 00	
<b>Auricula-flowered, Mixed.</b> Single.	15	50	\$1 75
<b>Single, Crimson</b>	15	50	1 75
<b>Single, Newport Pink.</b> Salmon-pink.	20	75	2 50
<b>Single, Scarlet Beauty.</b> Rich deep scarlet.	20	75	2 50
<b>Single, Velvety Maroon.</b>	15	50	1 75
<b>Single, White</b>	15	50	1 75
<b>Single, Mixed.</b> All colors.	15	35	1 25
<b>Double, Mixed.</b> All colors.	15	60	2 00

### Thalictrum

Hardy perennial plants with finely cut foliage.

	Trade pkt.	Oz.
<b>Aquilegifolium.</b> Columbine-like foliage. Feathery white flowers. 3½ ft.	\$0 40	\$2 00
<b>Dipterocarpum.</b> Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft.	40	2 00

### Thermopsis

<b>Caroliniana.</b> Yellow, lupin-like flowers.	40	2 00
---	----	------

### Thymus

<b>Serpyllum.</b> Wild Thyme. Creeping. Purple flowers. 2 in.	25	
	1/8oz.	50c...

### Tritoma • Red-Hot Poker

<b>Hybrida, Mixed.</b> Perennial. 2 ft.	30	1 25
---	----	------

### Trollius • Globe Flower

<b>Europæus.</b> Perennial. Bright yellow. 20 in.	50	3 50
<b>Hybridus.</b> Perennial. Bright yellow, buttercup-shaped flowers. 2 ft.	50	3 50

### Tunica

<b>*Saxifraga.</b> A low-growing hardy perennial with slender foliage and innumerable tiny star-like pale pink flowers. An excellent rock-plant. 4 to 6 in.	20	75
---	----	----

### Valeriana • Garden Heliotrope

<b>Mixed.</b> Hardy perennial border plant, with large, fragrant flowers. Fine for bouquets. 3 ft.	15	60
--	----	----

### Veronica • Speedwell

A showy, hardy perennial border plant of easy culture. Fine for bouquets.

	Trade pkt.	Oz.
<b>Longifolia subsessilis.</b> Long spikes of rich blue flowers. 2½ ft.	\$0 30	\$1 50
<b>*Repens.</b> A fine dwarf perennial rock-plant, with masses of bright blue flowers. 4 in.	50	2 50
<b>Spicata.</b> Bright blue. 1½ ft.	30	1 50

### Wallflower

<b>Double Mixed</b>	40	3 00
<b>Early-flowering, Double, Mixed.</b> An extra-early variety, flowering from seed in 90 days.	30	1 50
<b>Paris Extra-Early, Mixed.</b> Single. Blooms the first year from seed. Excellent for forcing.	15	40
<b>Single Mixed</b>	1/4lb.	75c...
	15	25

HENRY F. MICHELL CO.

# Michell's Vegetable Seed Specialties

## FOR MARKET GARDENERS

In line with our usual custom, we have taken from our general list certain specially meritorious varieties of vegetable seeds to which we call, on this and the succeeding page, special attention. Planters will do well to include these sorts in their seed orders.

For General List of Vegetable Seeds, see pages 35 to 48



Celery, Crispheart

### Cabbage. Yellows-Resistant Varieties

**Marion Market.** A very large, round head. Early. Good shipper and a reliable sort for early kraut. 45c. per oz.; 1/4lb. \$1.50; \$6.00 per lb.

**Jersey Queen.** The first of the resistant types to mature. In type and earliness about the same as the Jersey Wakefield. 30c. per oz.; 1/4lb. \$1.00; \$3.50 per lb.

**Wisconsin (Hollander).** Splendid late Cabbage. The heads are large and very firm. Good keeper. 30c. per oz.; 1/4lb. \$1.00; \$3.50 per lb.

### Carrot, California Bunching

A Recent Introduction of Fine Quality

Recommended for sowing in loose, friable soil. Top short, foliage coarsely cut, stems strong, making it a fine variety for the market gardener. Roots at full maturity are almost cylindrical and reach a size of 1 to 1 1/2 inches in diameter and about 8 inches long, smooth and free from side roots; color red; of fine quality. This variety is at its best when half grown. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.



Carrot, California Bunching

### Celery

**Crispheart.** A new early green Celery with broad, thick stalks 9 to 10 inches long. Full, compact hearts of exceptional crispness and flavor. \$1.25 per oz.; 1/4lb. \$4.50; \$15.00 per lb.

**Salt Lake or Utah.** An excellent green variety for all uses. Matures about a week or 10 days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well-rounded, of fine quality and rich, nutty flavor. 70c. per 1/2oz.; oz. \$1.25; \$4.50 per 1/4lb.; lb. \$15.00.

### Onion, White Bunching

An extra-fine variety for early spring and summer bunching. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. 20c. per oz.; 1/4lb. 60c.; \$2.00 per lb.; 5 lbs. \$9.75; \$19.00 per 10 lbs.

### Pepper, King of the North

A new and handsome early variety, which we recommend for growing in sections where the season is short. Fruits large and good packers for shipping. Color dark green, turning later to a beautiful red. Flesh fairly thick and mild in flavor. Plant sturdy and a great producer. 50c. per oz.; 1/4lb. \$1.65; \$6.00 per lb.



Pepper, King of the North

### Cucumber, Straight 8

Fine dark green color, free from white tips. Grows 8 inches long by about 1 1/2 inches thick and is of remarkably uniform straight shape. This is good for shipping or for home markets. 20c. per oz.; 1/4lb. 50c.; \$1.75 per lb.; 10 lbs. \$15.00.

SEE PAGE 39 FOR OTHER VARIETIES OF CUCUMBERS



Cucumber, Straight 8

Try some of these Italian Vegetables. They are delicious

## Michell's Vegetable Seed Specialties



Muskmelon, Pride of Wisconsin

### Muskmelon, Pride of Wisconsin

A new introduction with considerable merit. The rind is a gray color with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. 20c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$6.50; \$12.00 per 10 lbs.

See page 42 for other varieties of Muskmelons



Tomato, Rutgers (Special Strain)

### Tomato, Rutgers. Special Strain

A new introduction by the New Jersey Experiment Station. It has the same characteristics in size, color, and shape as its parents, Marglobe and J. T. D., except that it is somewhat flatter at the stem end. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Its deep red color inside is especially desirable. 45c. per oz.; 1/4lb. \$1.35; \$5.00 per lb.

## Italian and American Vegetables

Especially selected as varieties which are used extensively by the Italian people.

### Dwarf Bean . Fagioli nana

**Long-Pod Broad or Fava.** An English variety used in the dry state, shelled. Grown extensively by the Italian people. Plant in rows about 3 feet apart, 8 inches apart in the row. 30c. per lb. (by Parcel Post, 40c.); 2 lbs. 55c. (by Parcel Post, 65c.); \$2.30 per 10 lbs. (by Parcel Post, \$2.45); 100 lbs. \$17.00.

### Broccoli . Brocoli

**Rapa or 40-Day.** A very early type of sprouting Broccoli, producing many small heads. The seed is broadcast thickly, and plants cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. A very fine "green." 10c. per oz.; 1/4lb. 30c.; 90c. per lb.; 5 lbs. \$4.25; \$8.00 per 10 lbs.

### Cabbage . Cavolo Cappuccio

**Perfection Drumhead Savoy.** A crimped-leaved sort with deep glossy green, almost round heads, and distinctly flavored. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

### Cucumber . Cetriolo

**Early Market.** One of the best Cukes for those who plant for profit, being early, uniform in shape and size, dark green in color, and averaging 8 inches long. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50.

**Colorado.** Long; green. Very popular because of its excellent shape and good color. Exceptionally productive and highly resistant to disease. 20c. per oz.; 1/4lb. 50c.; \$1.75 per lb.; 10 lbs. \$15.00.

### Italian Dandelion

#### Dente de Leone; Cichoria Catalogna

Newly introduced into this country and in great demand as "greens." The main stalk produces leaves resembling the broad-leaved Dandelion, but much longer. Cut and bunched same as asparagus. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.; 10 lbs. \$24.00.

### Endive . Indivia

**Full-Heart Batavian (Escarolle).** Leaves broad, light green, nearly plain. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50.

### Florence Fennel . Finocchio

A delicious Italian vegetable which tastes quite like celery, but is a little sweeter and more delicate in flavor. The enlarged leaf-bases are usually boiled before serving. 10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.

### Onion . Cipolla

**White Barletta or Marvel of Pompei.** An extra-early, small, round variety used principally for pickling, also for bunching. 20c. per oz.; 1/4lb. 65c.; \$2.25 per lb.; 5 lbs. \$11.00; \$21.50 per 10 lbs.

### Italian Rocket . Rucola

Greatly relished in salads and quite tasty in soups. The leaves resemble sorrel. Slightly pungent. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00.

### Squash . Zucca

**Cocozelle or Italian.** A bush variety with smooth dark green fruits striped lighter. 10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.



Squash, Cocozelle

# Michell's Vegetable Seeds

## ARTICHOKE

Artichaut (Fr.) Artischoke (Ger.) Articiocca (Ital.)  
One ounce will produce about 500 plants

**Green Globe.** The best for market and for general culture.  
35c. per oz.; ¼lb. \$1.10; \$4.00 per lb.  
For Artichoke Plants and Roots, see page 48

## Asparagus Roots

(Ready about March 20 for spring planting; about October 10 for fall planting)

4000 to 6000 roots are required for an acre

We make a specialty of Asparagus Roots and have them grown for us in large quantities. Special prices will be quoted in large lots.

		2-yr. roots	
	100	By P. P.	1000
<b>Giant Washington</b> .....	\$1 25	\$1 40	\$10 00

## ASPARAGUS

Asperge (Fr.) Spargel (Ger.) Sparagio (Ital.)  
Sow 5 pounds per acre for roots, or 1 ounce to 50 feet

Our cultural Leaflet on Asparagus mailed free on request.

**Giant Washington.** A rust-resisting variety developed by the U. S. Department of Agriculture. Long, stout, dark green spears with purple tinge.  
10c. per oz.; ¼lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

## Asparagus (By Hexamer)

A book on its culture for market and home use. Very comprehensive. Price \$1.10.

## MICHELL'S DWARF BEANS

Haricots Nains (Fr.) Buschbohnen (Ger.) Fagiuoli Nani (Ital.)

Plant 90 pounds per acre; 2 pounds for a 100-foot row

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the Second Zone. For other Zones, please add additional postage. Larger quantities by Express or Freight

### Green-podded Varieties

**Bountiful.** An early, flat-podded, stringless sort.  
25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

**Early Mohawk.** Quite hardy. Large cropper. Flat pod.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$20.00



Improved Stringless Green-Pod Beans

**Early Red Valentine.** Extra early. Pods 5 to 6 inches long, round, thick, and of good quality.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

**Improved Stringless Green-Pod.** A round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, slightly curved, very meaty. Even when the pods become quite old they retain their stringless qualities.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

**Long-Pod Broad or Fava.** An English variety, used in the dry state, shelled. Grown extensively by the Italian people. Plant in rows about 3 feet apart, 8 inches apart in the row.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$17.00

**Mammoth or Giant Stringless.** Large, round pods, 5½ to 6½ inches long. Good for market or home-garden.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

**Masterpiece.** A long, flat-podded variety especially suited for growing under glass, though it may be planted successfully outdoors.

35c. per lb.; 2 lbs. 65c.; \$2.80 per 10 lbs.

**Stringless Black Valentine.** Pods long and slender, semi-round, well flavored, and absolutely stringless.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

**Tendergreen.** Long, round, light green stringless pods of excellent quality.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

**Triumph of the Frames.** For forcing under glass or outdoor planting.

40c. per lb.; 2 lbs. 75c.; \$3.50 per 10 lbs.

### Yellow-podded Varieties

**Improved Rustproof Golden Wax.** Rust-resistant. One of the best of the Wax Beans. Pods flat, of medium length and good quality. Vigorous grower.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

**Pencil-Pod Black Wax.** A round-podded, hardy sort that is entirely stringless.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

**Round-podded Kidney or Brittle Wax.** Stringless and rustproof. Very early.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

**Stringless Refugee Wax.** Round pods of good quality. Upright grower.

25c. per lb.; 2 lbs. 45c.; \$1.70 per 10 lbs.; 100 lbs. \$14.00

**Sure-Crop Stringless Wax.** Long, thick, flat pods of excellent quality.

25c. per lb.; 2 lbs. 45c.; \$1.70 per 10 lbs.; 100 lbs. \$15.00

**Wardwell's Kidney Wax.** Medium early. Long, thick, flat pods.

25c. per lb.; 2 lbs. 45c.; \$1.70 per 10 lbs.; 100 lbs. \$15.00

### Dwarf Varieties of Shell Beans for Winter Use

**Boston Navy or Pea.** For soup and baking purposes.

25c. per lb.; 2 lbs. 45c.; \$1.50 per 10 lbs.; 100 lbs. \$12.00

**Dwarf Horticultural.** Thick, flat, stringless pods, colored red and green.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

**Red Kidney.** 20c. per lb.; 2 lbs. 35c.; \$1.50 per 10 lbs.; 100 lbs. \$12.00

**White Marrowfat.** Larger than the Boston Navy or Pea.

20c. per lb.; 2 lbs. 35c.; \$1.50 per 10 lbs.; 100 lbs. \$12.00

## MICHELL'S POLE or RUNNING BEANS

Haricots a rames (Fr.) Stangenbohnen (Ger.) Fagioli (Ital.)

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the Second Zone. For other Zones, please add additional postage. Larger quantities by Express or Freight

**Giant-podded Asparagus or Yard-Long.** Pods measure 2 feet or more in length and are tender and of excellent quality.

35c. per 1/2 lb.; 1 lb. 60c.

**Golden Cluster Wax.** Deep yellow, stringless, flat pods frequently 8 inches long, and maturing in about 85 days. Heavy yielder.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

**Horticultural or Speckled Cranberry.** Long, pale green pods which become streaked with red when mature.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

**Kentucky Wonder or Old Homestead.** Long, round, tender, green pods that are practically stringless.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00

**Scarlet Runner.** Used principally for its flowering qualities but this green-podded variety makes a fine winter Shell Bean.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.

### Pole Lima Beans

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

**Carpinteria.** Large pods containing 4 or 5 Beans. Very prolific. A good early variety.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

**Challenger or Dreer's Improved.** Somewhat smaller than other Limas. Early, prolific, and of delicious flavor.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

**Giant-podded.** Produces clusters of gigantic pods, well filled with nice-sized white Beans.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

**King of the Garden.** A strong grower, and exceedingly productive of Beans that retain the good flavor of the Lima.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00

**Micell's Evergreen.** Extra-early, remarkably productive variety that continues bearing Beans of good flavor until frost.

30c. per lb.; 2 lbs. 55c.; \$2.00 per 10 lbs.; 100 lbs. \$15.00

**Sieva or Carolina.** Small, flat Beans of fine quality. Heavy yielder.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

### Bush or Dwarf Lima Beans

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties but they are not so prolific.

**Burpee's Improved.** A very productive variety. Beans large and of excellent quality.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$16.00

**Fordhook.** One of the best types of Bush Lima. Distinct, upright growth, with pods borne in clusters well above the ground and frequently containing as many as four luscious Beans. Matures early and continues in bearing until frost.

30c. per lb.; 2 lbs. 55c.; \$2.00 per 10 lbs.; 100 lbs. \$16.00

**Henderson's.** Large clusters of pods containing small, flat Beans.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00

**Wilson's Improved.** Claimed to be 2 weeks earlier than Burpee's Improved Bush Lima; also much more prolific.

25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$17.00



### McCrea

Something new in a Bush Lima

An ideal sort for the home-garden and fine for canning, as the Beans retain their green color and fine flavor. The stocky bush produces medium-sized pods, containing from 3 to 5 thick Beans, of extra-fine quality, distinct from other Bush Limas.

30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$20.00

### Nitrogen Bacteria for Beans

**LEGUME-AID.** If you want your Bean patch to yield earlier and better, inoculate the seed before planting with nitrogen bacteria. See page 94. When ordering, be sure to specify wanted for garden Beans, as each leguminous crop requires a separate culture.

### Semesan

Disinfection of Bean seeds by dusting with Semesan destroys surface-borne seed diseases and increases stand and yield. See page 93.

**CEDAR BEAN-POLES (Pointed).** Extra-selected quality. About 10 feet long. \$2.00 per doz.; 25 for \$3.75; 7.00 for 50; 100 for \$12.00.

### Broccoli

One ounce will produce 3000 plants

**Early Green Calabrese.** The variety so much sought by the Italian trade and which has become quite popular in our American gardens. After the fair-sized green head is cut from the main stalk, new sprouts develop into small loose heads.

25c. per oz.; 1/4 lb. 75c.; \$2.60 per lb.

**Rapa or 40-Day.** A very early type of sprouting Broccoli, producing many small heads. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Very fine "green."

10c. per oz.; 1/4 lb. 30c.; 90c. per lb.; 5 lbs. \$4.25; \$8.00 per 10 lbs.

**White Cape.** This excellent variety forms heads of creamy white color and good flavor, quite equal to cauliflower. Our seed is of a superior strain.

25c. per oz.; 1/4 lb. 75c.; \$2.75 per lb.

All prices subject to market changes



Early Green Calabrese Broccoli





Detroit Dark Red Beet (Special Strain)

## MICHELL'S CHOICE BEET SEED

Betterave (Fr.) Rote Ruebe (Ger.) Barbabietola (Ital.)  
One ounce will sow a row about 50 feet long; 5 pounds, an acre

### GOOD-FOR-ALL

A new addition to the Beet family

This fine variety matures nearly as early as Crosby's Egyptian. It is suitable for table or canning when half grown and is uniform in size and shape; dark red inside and out; smooth and almost globular.  
15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Bassano Extra Early.** Flesh white and rose colored.

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

**Crimson Globe.** Rich deep red. Good for sowing early for forcing and summer use.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

**Crosby's Egyptian. Special Strain.** A special selection of the regular strain. Repeated tests have proved it to be a darker red and much earlier. Extremely tender. An early spring and winter variety; good keeper.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Crosby's Egyptian. Usual Strain.** Rich blood-red throughout.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

**Detroit Dark Red. Michell's Special Strain.** A selected strain of this early, globe-shaped variety. Very tender; an excellent winter keeper.

15c. per oz.; 1/4lb. 35c.; \$1.15 per lb.; 5 lbs. \$5.50; \$10.50 per 10 lbs.

**Detroit Dark Red. Usual Strain.**

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Early Wonder.** An extra-early, globe-shaped variety of good size, smooth, handsome, dark blood-red and of excellent quality. Desirable sort for canning.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

**Lentz Early.** Turnip-shaped. Fine for sowing in hotbeds and outdoors. Early.

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

**Michell's Winter Keeper.** Globe-shaped. One of the best winter varieties.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

Write for prices on larger quantities

### Swiss Chard · Spinach Beet

Poire (Fr.) Beisskohl (Ger.) Bieta (Ital.)  
One ounce will sow a row about 50 feet long

**Dark Green Curled.** Smooth, tender, and of fine flavor.  
10c. per oz.; 1/4lb. 30c.; 90c. per lb.; 5 lbs. \$4.25; \$8.00 per 10 lbs.

**Giant Lucullus.** Plants grow 2 to 2 1/2 feet high with stalks quite thick and broad and long, crinkly leaves.  
10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

### BRUSSELS SPROUTS

One ounce will produce about 3000 plants

**Michell's Mammoth Fancy.** We have an exceptionally fine strain of these Sprouts, recommended by an old-time gardener who has been improving them from year to year. Compact dwarf type, having stems covered with fancy, solid Sprouts.

20c. per oz.; 1/4lb. 60c.; \$2.00 per lb.

**Long Island Half-Dwarf.** Compact heads. Very productive.

20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.

**Matchless Improved.** Large, handsome Sprouts. Somewhat later than Long Island Half-Dwarf.

20c. per oz.; 1/4lb. 50c.; \$1.50 per lb.

For Brussels Sprouts Plants, see page 48

### CAULIFLOWER

Chou-fleur (Fr.) Blumenkohl (Ger.) Cavol Fiore (Ital.)  
One ounce will produce about 3000 plants

**Danish Giant or Dry Weather.** An ideal variety for summer use as it stands drought and heat better than other sorts. Heads large, snow-white.  
Pkt. 20c.; trade pkt. 40c.;  
70c. per 1/4oz.; 1/2oz. \$1.25; \$2.00 per oz.; 1/4lb. \$6.50; \$24.00 per lb.

**Michell's Early Snowstorm.** Colossal heads of purest white; often 10 inches in diameter. Desirable for its earliness under glass, but does equally well in late spring, summer, or autumn outdoors.

Pkt. 20c.; trade pkt. 40c.;  
\$1.00 per 1/4oz.; 1/2oz. \$1.50; \$2.75 per oz.; 1/4lb. \$8.00; \$30.00 per lb.

**Early Selected Erfurt.** One of the earliest. Pkt. 15c.; trade pkt. 35c.;  
75c. per 1/4oz.; 1/2oz. \$1.25; \$1.75 per oz.; 1/4lb. \$6.25; \$24.00 per lb.

**Early Snowball.** Pkt. 20c.; trade pkt. 40c.;  
70c. per 1/4oz.; 1/2oz. \$1.25; \$2.00 per oz.; 1/4lb. \$6.50; \$25.00 per lb.

**Veitch's Autumn Giant.** A very desirable large late variety.  
30c. per 1/2oz.; oz. 45c.; \$1.35 per 1/4lb.; lb. \$4.50

### Mangel-Wurzel · Cattle Beets

Seed selected from specimen roots

Sow 6 pounds per acre in May or June, in rows 2 feet apart, and thin out to 9 to 12 inches in the row. They provide excellent winter food for cattle, sheep, hogs, and poultry.

**Golden Tankard.** The best long yellow Mangel in cultivation.

20c. per 1/4lb.; lb. 60c.; \$2.75 per 5 lbs.; 10 lbs. \$5.00

**Lane's Improved White Sugar.** One of the best for stock feeding.

20c. per 1/4lb.; lb. 60c.; \$2.75 per 5 lbs.; 10 lbs. \$5.00

**Mammoth Long Red.** An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best red Mangel.

20c. per 1/4lb.; lb. 60c.; \$2.75 per 5 lbs.; 10 lbs. \$5.00

### CUPROCID (Cuprous Oxide)

An excellent material for the treatment of Beet seed before sowing to prevent the fungous disease known as damping-off. For prices, see page 92.



Michell's Early Snowstorm Cauliflower

See pages 33 and 34 for Novelties and Specialties in Vegetable Seeds

# Young Carrots, freshly pulled, are real angel food

## MICHELL'S CHOICE CABBAGE SEED

Chou pomme (Fr.) Kopf Kohl (Ger.) Cavolo Cappuccio (Ital.)  
One ounce will produce about 3000 plants; 4 ounces, enough for an acre

### Yellows-Resistant Varieties

- Marion Market.** A very large, round head. Early. Good shipper and a reliable sort for early kraut. 45c. per oz.; 1/4lb. \$1.50; \$6.00 per lb.
- Jersey Queen.** The first of the resistant types to mature. 30c. per oz.; 1/4lb. \$1.00; \$3.50 per lb.
- Wisconsin (Hollander).** Splendid late Cabbage. The heads are large and very firm. Good keeper. 30c. per oz.; 1/4lb. \$1.00; \$3.50 per lb.

### Early Varieties

- Copenhagen Market.** An early, round-headed variety, frequently weighing as much as 10 pounds. Our stock is imported and the best the market affords. 25c. per oz.; 1/4lb. 7c.; \$2.50 per lb.
- Extra-Early Jersey Wakefield.** The finest type of early Cabbage. Uniform, pointed heads. The outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts. 25c. per oz.; 1/4lb. 80c.; \$2.75 per lb.
- Golden Acre.** Plants dwarf, with uniform, medium-sized, round, solid heads averaging 5 pounds, and with few outer leaves, making it suitable for close planting. 25c. per oz.; 1/4lb. 85c.; \$3.00 per lb.
- Allhead.** Roundish flat. 20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.
- Babyhead.** Early. Small, round, solid heads. Well adapted for growing under glass. 35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.
- Charleston or Large Wakefield.** Similar to the Early Wakefield. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.
- Henderson's Early Summer.** Heads roundish flat and solid. 20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.

### Late or Winter Varieties

- Danish Ballhead. Tall Stem.** Unequaled for size and keeping qualities. It is ideal for cole slaw, sauer kraut, etc., being crisp, tender and sweet. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.
- Danish Roundhead. Short Stem.** Heads exceptionally hard. Excellent for sauer kraut. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.
- Late Flat Dutch.** This seed has been selected especially for our trade, being taken from the finest type of heads which are selected for solidity and uniformity. There is no better keeping Cabbage in existence. 25c. per oz.; 1/4lb. 60c.; \$2.00 per lb.
- Mammoth Red Rock.** An excellent red variety and a good winter keeper. Heads globe-shaped, slightly flattened, and very hard. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.



Golden Acre Cabbage

- Perfection Drumhead Savoy.** A crimped-leaved sort with almost round heads. 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.
- All Seasons or Vandergaw.** 20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.
- Red Dutch Drumhead.** 25c. per oz.; 1/4lb. 75c.; \$2.50 per lb.

### Chinese or Celery Cabbage

- Pe-Tsai.** Resembles a head of Romaine lettuce, but has the curly feature of Silesian lettuce, and a broad rib. Can be planted as a spring or autumn crop; for the latter the seed is sown in July. 15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.
- Wong Bok.** Easily grown and can be served in numerous ways. Does not grow quite as tall as Pe-Tsai, but is thicker through. Heads elongated, self-folding, and requires no blanching. 15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.

For Cabbage Plants, see page 48

## MICHELL'S CHOICE CARROT SEED

Carotte (Fr.) Karotte (Ger.) Carota (Ital.)  
One ounce will sow 100 feet of drill; 3 to 4 pounds, an acre

- California Bunching.** A recent introduction of fine quality. Tops short. Foliage coarsely cut. Roots red, 1 to 1 1/2 inches in diameter and about 8 inches long. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Chantenay Half-Long. Special Strain.** Selected for earliness and uniformity. Its tenderness and fine flavor have proved it a superior stock. Orange-scarlet, tender, fine-grained flesh; 5 inches long; stump-rooted. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Chantenay Half-Long. Usual Strain.** 10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Danvers Half-Long.** Rich orange, 6 to 7 inches long, stump-rooted. Heavy yielder and good keeper. Valuable both for the table and stock-feeding. We have an extra-fine strain of this favorite sort. 10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Coreless or Nantes Half-Long.** 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Early Scarlet Horn.** Stump-rooted, about 6 inches long. 10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Guerande or Oxheart.** Not over 3 to 4 inches long. 10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.
- Improved Long Orange.** Pointed root. 10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.
- Rubicon Half-Long.** Orange-red flesh; stump-rooted. 10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Very Early Short Horn or French Forcing.** 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- White Belgian.** Used principally for stock. 10c. per oz.; 1/4lb. 25c.; 70c. per lb.; 5 lbs. \$3.25; \$6.00 per 10 lbs.

### CHERVIL

One ounce will sow a row 50 feet long

- Double Curled.** Aromatic plant for dressing and seasoning. 15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.

### CHICORY

- Witloof or French Endive.** Produces solid, oblong heads and blanches ivory-white. When lifting, cut whole head with a part of the roots, to hold the leaves together. It is considered a splendid winter salad. 15c. per oz.; 1/4lb. 50c.; \$1.75 per lb.

### CHIVES · Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild onion taste. The plants are hardy and will last for years.

**Seed.** 35c. per oz.; 1/4lb. \$1.00; \$3.25 per lb.

For Chive Plants, see page 48

Deduct 3 per cent discount on Vegetable Seeds only, if cash accompanies order



Danvers Half-Long Carrots

# Grow your own Celery and taste the difference

## MICHELL'S CHOICE CELERY

Celeri (Fr.) Sellerie (Ger.) Sedano (Ital.)  
One ounce will produce 3000 to 5000 plants; 1/2 pound will sow an acre

### Early Varieties

- Crispheart.** A new early green Celery with broad, thick stalks 9 to 10 inches long. Full, compact hearts of exceptional crispness and flavor. \$1.25 per oz.; 1/4lb. \$4.50; \$15.00 per lb.
- Easy-Blanching. Special Strain Pennsylvania-grown Seed.** An improved type of Easy-blanching Celery, being superior in every way. Large, fine-grained, of delicious flavor, with big, full heart and plenty of edible outside stalks. Plants set out in June are ready for market the early part of September. Our stock is carefully selected for type and quality. 50c. per 1/2oz.; oz. 90c.; \$3.25 per 1/4lb.; lb. \$12.00
- Easy-Blanching. Usual Strain.** 35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.
- Golden Plume. Special Strain.** This strain has proved worthy of special mention as to earliness, type, and general appearance; in other words, it is "perfection." Of fine flavor and without strings; solid, crisp, and tender. A trial will convince you. 60c. per 1/2oz.; oz. \$1.00; \$3.60 per 1/4lb.; lb. \$14.00
- Golden Plume. Usual Strain.** 25c. per 1/2oz.; oz. 40c.; \$1.35 per 1/4lb.; lb. \$5.00
- Golden Self-Blanching. American-grown Seed.** From seed-stock renewed annually from France. 25c. per 1/2oz.; oz. 40c.; \$1.35 per 1/4lb.; lb. \$5.00
- White Plume.** The standard early market variety. 25c. per oz.; 1/4lb. 65c.; \$2.25 per lb.

### Late Winter Varieties

- Emperor.** Dwarf-growing, very brittle, and of extra-fine flavor. Good winter keeper. 35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.
- Giant Pascal.** Fine for use during February and March. 25c. per oz.; 1/4lb. 70c.; \$2.50 per lb.
- Salt Lake or Utah.** An excellent green variety for all uses. Matures about a week or 10 days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well rounded, of fine quality and rich nutty flavor. 70c. per 1/2oz.; oz. \$1.25; \$4.50 per 1/4lb.; lb. \$15.00
- Winter King.** Solid, crisp and of fine flavor. 25c. per oz.; 1/4lb. 70c.; \$2.50 per lb.
- Winter Queen.** A medium-tall, solid variety. 25c. per oz.; 1/4lb. 65c.; \$2.25 per lb.

### Celeriac

The leaves are cut when young and used to flavor soups and meats; roots are boiled, sliced, cooled, and served as a salad.

**Giant Prague.** 25c. per oz.; 1/4lb. 65c.; \$2.25 per lb.

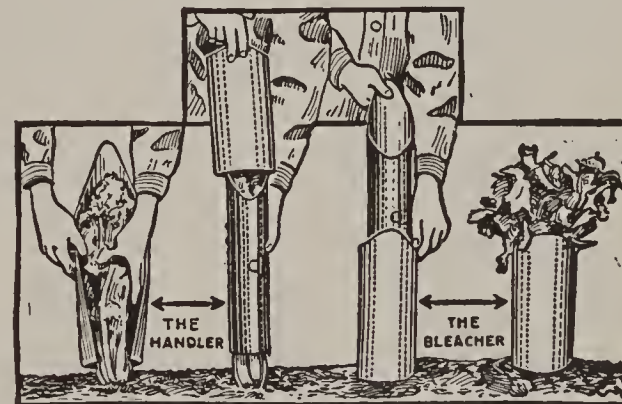
For Celery Plants, see page 48

### Celery Paper

For winter protection. In 500 sq.-ft. rolls, \$1.75 per roll; 5-roll lots, at \$1.50 per roll; 10-roll lots, at \$1.40 per roll.

### Celery Tape

Fast red, in spools of 1000 yards, \$3.50; Green, in spools of 1000 yards, \$3.00.



It's easy to put on the Bleaching tubes with the Ball Celery Handler

### Ball Lightning Celery Bleachers

A practical, inexpensive device for bleaching early celery, made from a special process paper which is sufficiently waterproof to stand wet weather.

No.	Size	Per 100	Per 1000
B-1.	6 x 12 in.	\$2 00	\$16 00
B-2.	6 1/2 x 13 in.	2 25	18 00
B-3.	7 x 14 in.	2 50	21 50

### Ball Celery Handler

H-1. Brass, \$2.15 each. H-2. Tin, 90c. each.

## MICHELL'S CUCUMBERS

Concombre (Fr.) Gurken (Ger.) Cetriolo (Ital.)  
One ounce will sow 60 hills; 2 to 3 pounds, an acre

- Arlington White Spine.** The leading sort for the market garden and for growing under glass. Fruit smooth, deep green, and uniformly 8 inches in length. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50
- Colorado.** Long; green. Very popular because of its excellent shape and good color. Exceptionally productive and highly resistant to disease. 20c. per oz.; 1/4lb. 50c.; \$1.75 per lb.; 10 lbs. \$15.00
- Early Market.** Retains its dark green color and is, without doubt, one of the best Cukes for those who plant for profit. Uniform in shape and size, averaging 8 inches in length. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50
- Improved Long Green.** A well-known sort and desirable for market. Fruits average 1 foot in length. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50

- Straight 8.** Fine dark green color, free of white tips. Grows 8 inches long by about 1 1/2 inches thick, and is of remarkably uniform straight shape. This is good for shipping or for home markets. 20c. per oz.; 1/4lb. 50c.; \$1.75 per lb.; 10 lbs. \$15.00
- Japanese Climbing.** A trellis variety. Vine very ornamental. 15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.
- Jersey Pickle or Green Prolific.** Makes ideal "Dill Pickles." 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$9.00
- Davis Perfect.** 10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00
- Early Fortune.** 10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00
- Gherkin or Burr Cucumber.** For pickling only. Small fruits; prickly when green. 20c. per oz.; 1/4lb. 55c.; \$1.75 per lb.

All seeds on this page mailed free at prices quoted in quantities up to 10 pounds

# Golden Cross Bantam is Sugar Corn Supreme



Golden Cross Bantam Sugar Corn

## MICHELL'S SELECTED SUGAR CORN

Mais (Fr.)      Mais (Ger.)      Grano Turco (Ital.)  
One pound will plant about 150 hills; 12 to 15 pounds, an acre

If Sugar Corn is wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the Second Zone. For other Zones, please add additional postage. Larger quantities by Express or Freight

### Early Varieties

#### GOLDEN CROSS BANTAM

A new disease-resistant variety. This hybrid of the Bantam type is early and has a much larger stalk than the regular Bantam strain. Ears 7 to 8 inches long, with 12 to 14 rows of fair-sized kernels. The best of the yellow varieties developed up to the present time. Ready for use in about 86 days from planting. 40c. per lb.; 2 lbs. 75c.; \$1.75 per 5 lbs.; 10 lbs. \$3.20; \$7.50 per 25 lbs.

- Adams Extra Early.** Medium-sized ears; white grains. 20c. per lb.; 2 lbs. 35c.; 80c. per 5 lbs.; 10 lbs. \$1.50; \$3.50 per 25 lbs.; 100 lbs. \$12.00
- Early Mayflower.** Dwarf in growth. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00
- Golden Bantam.** One of the sweetest and earliest varieties. Ears of medium size; grains yellow, delicious. 30c. per lb.; 2 lbs. 55c.; \$1.25 per 5 lbs.; 10 lbs. \$2.30; \$5.00 per 25 lbs.; 100 lbs. \$14.00
- Golden Giant.** Ears of good quality, somewhat larger than Golden Bantam. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00
- Golden Sunshine.** Very early, maturing 7 to 10 days before Golden Bantam. Ears 6½ inches long, with broad, sweet grains. 30c. per lb.; 2 lbs. 55c.; \$1.25 per 5 lbs.; 10 lbs. \$2.30; \$5.00 per 25 lbs.; 100 lbs. \$14.00
- Whipple's Early Yellow.** Large ears of exceptional quality. A fine Corn for the garden and commercial growers as well. Stalks large, often producing two marketable ears 8 to 9 inches long and with 14 rows of broad, deep kernels. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$14.00

### Medium Varieties

- Bantam Evergreen.** An excellent yellow. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00
- Black Mexican.** Grains white when young; ears medium size. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00
- Early Evergreen.** Ripens about 10 days earlier than Stowell's. Large. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00
- Howling Mob.** Ears of large size. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00
- Kendel's Early Giant.** Large ears with big, deep grains. A good variety to grow for market-garden trade. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00
- Philadelphia Favorite.** Of Pennsylvania origin and marketed in Philadelphia and vicinity for a number of years. Often produces two nice 8- to 9-inch ears to a stalk with sweet, pearly white kernels. Matures in 75 to 78 days, depending on location. 30c. per lb.; 2 lbs. 55c.; \$1.25 per 5 lbs.; 10 lbs. \$2.30; \$5.00 per 25 lbs.; 100 lbs. \$14.00
- Stabler's Early.** Standard market-garden sort. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

### Late Varieties

- Country Gentleman.** Large ears, with deep, very sweet grains which are staged irregularly on the cob. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$14.00
- Little Gem or Shoe Peg (Ne Plus Ultra).** 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$14.00
- Stowell's Evergreen.** The best late Corn grown. Ears extra large, and produced in great abundance. Stalks often grow to a height of 7 feet. In sweetness it is unexcelled. 25c. per lb.; 2 lbs. 45c.; \$1.00 per 5 lbs.; 10 lbs. \$1.80; \$4.00 per 25 lbs.; 100 lbs. \$13.00

### Pop Corn (Shelled)

- Queen's Golden.** 17c. per lb.; 3 lbs. 48c.  
**Snowflake.** 17c. per lb.; 3 lbs. 48c.

## COLLARDS

One ounce of seed will produce 3000 plants

- Georgia or Southern.** Extensively grown in the South and used as "greens" during the winter months. Planted much like cabbage. 10c. per oz.; ¼lb. 25c.; 65c. per lb.; 5 lbs. \$3.00

## CORN SALAD • Fetticus

Mache Ronde (Fr.) Ackersalat (Ger.)

- Large-leaved, Round-seeded.** Principally sown for a supply of "greens" during winter and early spring months. 10c. per oz.; ¼lb. 35c.; \$1.10 per lb.; 5 lbs. \$5.25; \$10.00 per 10 lbs.

## GARDEN CRESS • Pepper Grass

- Extra Curled.** Has a pungent taste and makes a very tasty salad. 10c. per oz.; ¼lb. 25c.; 65c. per lb.; 5 lbs. \$3.00

## WATER-CRESS

- True Erfurt.** This may be sown early in spring near the brink of a pond of spring water or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity. 25c. per oz.; ¼lb. 90c.; \$3.50 per lb.

## DANDELION

Pissenlit (Fr.) Loewenzahn (Ger.) Dente de leone (Ital.)

- Italian (Cichoria Catalogna).** A new introduction in this country and is in great demand as a green. It is cut and bunched same as asparagus. For illustration and full description, see page 34. 25c. per oz.; ¼lb. 75c.; \$2.50 per lb.; 5 lbs. \$12.00

- Thick-leaved or Cabbaging.** This is far superior to the common variety, having much broader and longer foliage. We offer a very fine stock. 40c. per oz.; ¼lb. \$1.15; \$4.00 per lb.; 5 lbs. \$19.50

See pages 33 and 34 for Michell's Vegetable Seed Specialties

Deduct 3 per cent discount on Vegetable Seeds only, if cash accompanies order

# Michell's Selected Seed produces profitable crops



Full-Heart Batavian Endive

## ENDIVE • Chicory

Chicoree (Fr.) Endivien (Ger.) Indivia (Ital.)

One ounce will sow 200 feet of row

**Full-Heart Batavian** (Escarolle). Leaves broad, light green, nearly plain. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 10 lbs. \$11.50

**Giant Fringed.** Oyster Endive. Large white heart and broad leaves. 15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00

**Improved Green Curled.** An improvement over the common green variety, producing a larger head and more leaves. 15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00

**White Curled.** (Self-blanching.) Always crisp and tender. 15c. per oz.; 1/4lb. 35c.; 60c. per lb.; 10 lbs. \$5.00

## EGGPLANT

Aubergine (Fr.) Eierpflanze (Ger.)  
Petonciano (Ital.)

One ounce will produce 1000 to 2000 plants



Black Beauty Eggplants

### Selected New Jersey-Grown Seed

**Black Beauty.** An extra-early, large, almost black variety with few seeds. Very prolific. 30c. per oz.; 1/4lb. 95c.; \$3.50 per lb.

**New York Improved.** 30c. per oz.; 1/4lb. 95c.; \$3.50 per lb.

For Eggplant Plants, see page 48

## Seeds of Culinary and Medicinal Herbs

	1/2oz.	Oz.	1/4lb.	Lb.
Anise.....		\$0 10	\$0 30	\$1 00
Borage.....		10	30	1 00
Caraway.....		10	25	75
*Catnip.....	Pkt. 15c.	\$0 25	40	1 25
*Chamomile.....		50	1 50	6 00
*Chives.....		35	1 00	3 25
Coriander.....		10	25	60
Dill.....		10	20	60
Fennel, Finocchio or Florence.....		10	30	1 00
Fennel, Sweet.....		10	25	75
*Lavender.....		25	85	3 00
*Mint, Peppermint.....	Pkt. 20c.	2 60	5 00	
*Pennyroyal.....		30	50	1 85
*Rosemary.....		25	40	1 35
Saffron.....			20	60
*Sage.....			20	60
Savory, Summer.....			10	35
*Savory, Winter.....			35	1 00
Sweet Basil.....			15	45
Sweet Marjoram.....			20	60
*Thyme, Broad-leaved.....			30	1 00

\*Varieties are hardy or perennial, while others must be planted each season

## GARLIC SETS

Ail (Fr.) Knoblauch (Ger.) Aglio (Ital.)

Used extensively in the French method of cooking. 25c. per lb. (by Parcel Post, 35c.); 5 lbs. \$1.15 (by Parcel Post, \$1.30); \$2.00 per 10 lbs. (by Parcel Post, \$2.20).

## HORSERADISH ROOTS

Ready in March

**Maliner Kren** (Bohemian). A quick-growing variety and the very best Horseradish grown. Large, strong cuttings.

\$1.25 per 100 (by Parcel Post, \$1.35); per 1000, \$8.00

## KALE • Borecole

Chou Vert (Fr.) Blatterkohl (Ger.) Cavolo Verde (Ital.)

One ounce will sow 150 feet of drill; 3 pounds, an acre

**Dwarf Blue Scotch.** Similar to Dwarf Green Curled, except that it is of a bluish green color and of dwarfer habit.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

**Dwarf Green Curled.** Very compact, rarely attaining a height of over 6 inches. Leaves dark green and curly.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

**Imperial Long-standing.** Outer edges of leaves crimp; inside smooth, dark green with bluish cast.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

**Siberian.** Should be sown in September for spring "greens."

10c. per oz.; 1/4lb. 25c.; 70c. per lb.; 5 lbs. \$3.25; \$6.00 per 10 lbs.

## KOHLRABI

Chou Rave (Fr.) Kohl-Rabi (Ger.)

Cavolo rapa (Ital.)

One ounce will sow about 200 feet of drill

**Early White Vienna.** Suited for sowing under glass or for outdoors.

20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.

**Purple Vienna.** Flesh white, with a bluish skin. Principally used for outdoor sowing.

20c. per oz.; 1/4lb. 60c.; \$1.75 per lb.

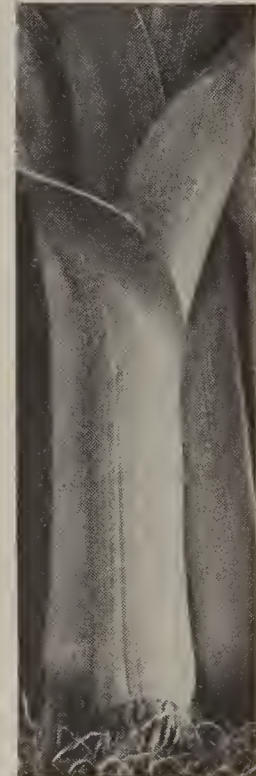
## LEEK

Poireau (Fr.) Lauch (Ger.) Porro (Ital.)

One ounce will sow about 100 feet of drill

**American Flag.** Popular for the market garden. 25c. per oz.; 1/4lb. 65c.; \$2.00 per lb.; 5 lbs. \$9.75; \$19.00 per 10 lbs.

**Giant Carentan.** 25c. per oz.; 1/4lb. 65c.; \$2.00 per lb.; 5 lbs. \$9.75; \$19.00 per 10 lbs.



American Flag Leek

## MICHELL'S MUSHROOM SPAWN

### Pure Spore Culture Spawn

This Spawn is made in quart milk bottles under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure, so that every mold, weed seed, or insect is destroyed and each bottle contains nothing but the pure spawn; each jar contains enough for 30 to 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, with full instructions.

If wanted by Parcel Post, allow 10c. per carton for postage

Per carton.....	\$1 00	25 cartons.....	\$23 25
12 cartons.....	11 40	60 cartons.....	54 00

### Pure Culture Brick Spawn

A crop is produced with good spawn, a little care, and patience, in about 5 to 10 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. One brick will spawn 8 to 10 square feet. Pure white. Ask for our Free Booklet on Mushroom Culture.

Per brick.....	\$0 30	Per 50 bricks.....	\$10 00
Per 5 bricks.....	1 25	Per 100 bricks.....	19 00
Per 10 bricks.....	2 10	Per 1000 bricks.....	185 00
Per 25 bricks.....	5 00		

If wanted by Parcel Post, allow for postage at the rate of 10c. per brick; 15c. per 5 bricks; 25c. per 10 bricks

**MUSHROOM OR HOTBED THERMOMETERS.** Iron point, oxidized finish, \$2.75 each (by Parcel Post, \$2.90). Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

**BOOK ON MUSHROOMS, HOW TO GROW.** (By Falconer.) 170 pages. \$1.75.

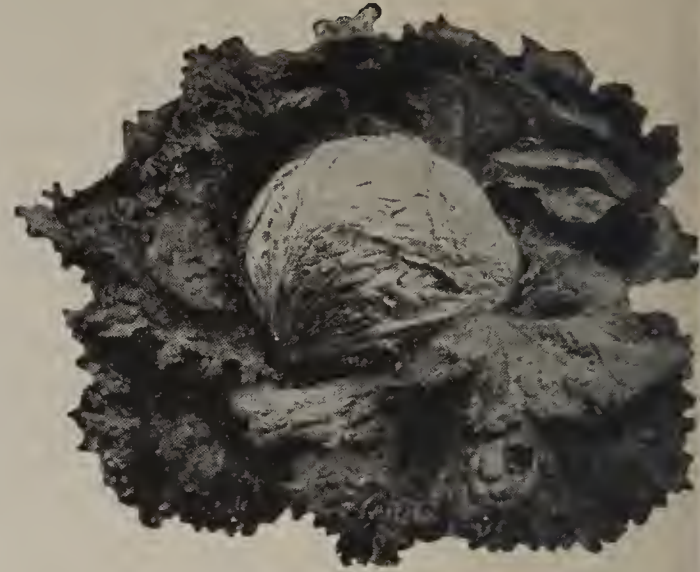
# Fresh home-grown Lettuce makes a real salad

## MICHELL'S CHOICE STRAINS OF LETTUCE

Laitue (Fr.) Lattich Salad (Ger.) Lattuga (Ital.)  
One ounce will produce about 2500 plants

### Heading Varieties

- All Heart.** An excellent Lettuce for either spring or summer use. Can be used for sowing in frames or in spring and early summer outdoors.  
10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- All Right** (Michell's). Fine for an early spring crop in the hotbed or outdoors and for sowing in August for late autumn under sash or outside.  
15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Big Boston.** A large, flat, cabbage-headed variety for midsummer or fall use, or under glass in the early spring and autumn. Light green, tinged light brown on the outer leaves.  
15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Boston Market** (White-seeded Tennisball). One of the best for forcing.  
15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Iceberg.** Solid, cabbage-like heads; leaves curly, slightly tinged red.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Improved Hanson.** Extra-large heads; the outer leaves are curled.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- May King.** Matures early outdoors. Outside leaves tinged golden brown. Suitable for sowing under sash in early spring. 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Michell's No. 1.** A good variety for summer use as it resists the hot sun better than most sorts. We do not recommend it for forcing.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Michell's Springtime.** A fine early type to sow for spring use. Fair-sized, compact heads; leaves light green, outer edges tinted bronze. An ideal garden variety.  
15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.
- Mignonette.** Heads small; leaves curly and edges tinted brown.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- New York or Wonderful No. 12.** A variety in great demand, especially during the late winter and early spring months. Gigantic heads which are almost white, very solid, and without any trace of bitter taste. Does best in the latitude of Philadelphia as an early spring and late autumn crop. We offer a fine strain of seed.  
15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.
- White Big Boston.** A sure-heading variety which resembles Big Boston in size, solidity, and general appearance, but is minus the red edge so common in that variety.  
15c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.



New York Lettuce

### Loose-Leaf or Cutting Varieties

- Black-seeded Simpson.** Ideal for midsummer use as it withstands heat and drought.  
15c. per oz.; 1/4lb. 45c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Early Curled Silesian.**  
10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Early Curled Simpson.**  
10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Grand Rapids.** The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. Leaves curly, crisp and brittle; fine flavor. We pay particular attention to the seed-stock, therefore offer a strain of especial merit.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

### Romaine • Celery Lettuce

- Kingsholm Cos.** The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no ribs; heads very full throughout, and therefore contain more edible part.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.

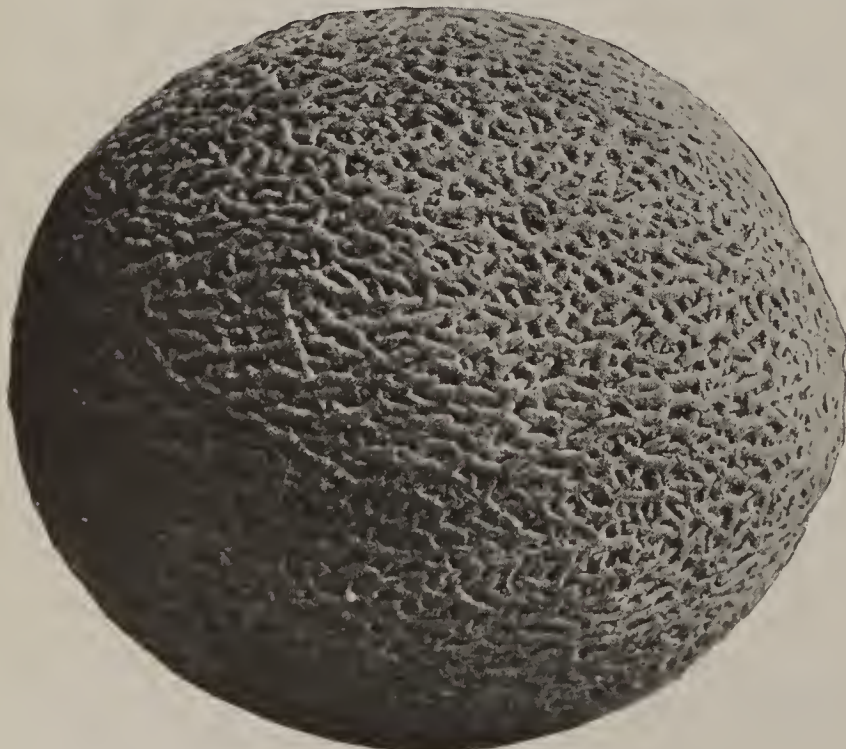
### Vegetable Gardening (By Watts)

511 pages Price \$2.50

## MICHELL'S MUSKMELON or CANTALOUPE

Melon Muscade (Fr.) Melone (Ger.) Popone Melone (Ital.)

One ounce will sow about 50 hills; 2 to 3 pounds, an acre



Pride of Wisconsin Muskmelon

- Emerald Gem.** Flat shape; flesh thick and of a rich salmon shade.  
10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Fordhook.** Flat like Emerald Gem, on which it is an improvement; flesh salmon-orange and very sweet; large, often weighing 2 pounds each. 10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Hale's Best.** The chief value of this variety is its earliness and fine quality. Oval; heavily netted; salmon-color flesh. An excellent variety for long-distance shipping.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Hearts of Gold.** A midseason variety. Fruit round, distinctly ribbed; flesh deep salmon, excellent quality. A good shipping melon.  
10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.
- Honey Dew.** Flesh thick, emerald-green, of delicious flavor.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Honey Rock.** New. Medium size; round, with coarse netting; flesh orange color and of fine flavor. An excellent variety for the roadside stand.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Michell's Delicious.** Large; flesh deep orange-salmon; seed space very small.  
25c. per oz.; 1/4lb. 75c.; \$2.75 per lb.
- New Surprise.** A large variety, often weighing 8 to 9 pounds; oval, with prominent ribs; skin green and slightly netted, turning to cream color as it ripens; flesh salmon color, thick, and spicy.  
15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00; \$11.50 per 10 lbs.
- Pride of Wisconsin.** A new introduction with considerable merit. The rind is a gray color with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping.  
20c. per oz.; 1/4lb. 50c.; \$1.50 per lb.; 5 lbs. \$6.50; \$12.00 per 10 lbs.
- Rocky Ford.** Oval, finely netted; flesh green, very sweet.  
10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

All seeds offered on this page mailed postpaid at prices quoted



Green Peas are packed with health-giving vitamins

## MICHELL'S CHOICE GARDEN PEAS

Pois (Fr.) Erbsen (Ger.) Pisello (Ital.)

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

If Peas are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the Second Zone. For other Zones, please add additional postage. Larger quantities by Express or Freight

### Extra-Early Varieties

- Alaska.** Smooth-seeded. Height, 2½ feet.  
25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00
- Dandy Extra Early.** Smooth-seeded. Prolific and desirable for the market garden. Height, 24 inches.  
25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00
- Early Eight Weeks.** Medium-sized pods, well filled with luscious Peas. Height, 12 to 15 inches.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$16.00
- Early June.** A green-seeded, smooth Pea. Height, 2½ feet.  
25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00
- Gradus or Prosperity.** Early and of fine quality. Wrinkled, luscious; produces gigantic pods and Peas. Height, 36 inches.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00
- Laxtonian.** An early dwarf sort with pods large and filled with Peas of fine quality. Height, 18 inches.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00
- Laxton's Progress.** Earlier than Laxtonian. Long pods filled with 8 to 9 large Peas of excellent flavor. Height, 18 inches.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00
- Little Marvel.** Dwarf, prolific variety with sweet, wrinkled Peas. Height, 18 to 20 inches.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00
- Nott's Excelsior.** One of the leading varieties for the market garden. Height, 15 inches.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00
- Special Extra Early.** Smooth-seeded. Tender and a great yielder. Height, 24 inches.  
25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$13.00
- Thomas Laxton.** On a par with Gradus in quality. A heavy producer of large pods filled to the tip with big wrinkled Peas of excellent flavor. Height, 36 inches.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00

### Second-Early and Later Varieties

- Champion of England.** Seed wrinkled. Height, 5 feet.  
25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$14.00
- Daisy or Dwarf Telephone.** Wrinkled and very sweet. Height, 18 inches.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00
- Dwarf Champion.** Pods long and well filled with Peas of delicious quality. Height, 2 feet.  
25c. per lb.; 2 lbs. 45c.; \$1.80 per 10 lbs.; 100 lbs. \$15.00
- Tall Telephone.** A late variety, producing an abundance of very sweet, wrinkled Peas. Height, 3½ feet.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00
- Yankee Prince.** Large-podded, wrinkled sort. Height, 4 feet.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$14.00

### Sugar or Edible-Podded Peas

- Honey Sweet.** Most distinct Sugar Pea ever introduced. An entirely new type, with curved pods that are thick, fleshy, and free from hard tissue. Can be cooked like string beans. Its sliced pods make a delicious addition to mixed salads.  
60c. per ½ lb.; 1 lb. \$1.00; \$1.90 per 2 lbs.
- Dwarf Gray Sugar.** Gray seed. Height, 2 feet.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00
- Tall Luscious Sugar.** Height, 4 feet.  
30c. per lb.; 2 lbs. 55c.; \$2.30 per 10 lbs.; 100 lbs. \$15.00

### PEANUTS

Arachide (Fr.) Erdnuss (Ger.) Cece de terra (Ital.)

- One bushel nuts unshelled will plant an acre, but shell must be removed beforehand
- Selected Virginia.** 25c. per lb. (by Parcel Post, 35c.); \$1.00 per 5 lbs. (by P. P., \$1.15); 10 lbs. \$1.50 (by P. P., \$1.70)



Hollow Crown Parsnips



Gradus Peas

### PARSNIP

Panais (Fr.) Pastinake (Ger.) Pastinaca (Ital.)

One ounce will sow 150 feet of row; 5 pounds, an acre

- Improved Sugar or Hollow Crown.** A thick, broad-topped root.  
10c. per oz.; ¼lb. 25c.; 80c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

### PARSLEY

Persil (Fr.) Petersilie (Ger.) Prezzemolo (Ital.)

One ounce will sow 100 feet of row

- Champion Moss Curled.** Beautifully crimped and curled. Can be cut the year round.  
10c. per oz.; ¼lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.
- Double Curled or Covent Garden.** Nicely curled leaf which retains its green color the entire season. Best variety for the market garden. The seed we offer is imported and will produce more densely curled leaves than American-grown seed.  
10c. per oz.; ¼lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.
- Hamburg or Rooted.** The fleshy roots are used for flavoring soups, stews, etc.  
10c. per oz.; ¼lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.
- Plain or Single.** Leaves not curled.  
10c. per oz.; ¼lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.
- Tom Thumb.** A fine extra-curled variety of dwarf habit, uniform in shape and compactness, suitable for edging of borders and decorative purposes.  
15c. per oz.; ¼lb. 45c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.

For Parsley Plants, see page 48

Deduct 3 per cent discount on Vegetable Seeds only, if cash accompanies order



# Make successive plantings of Radishes for a long season



## PEPPER

Piment (Fr.) Pfeffer (Ger.)  
Peperone (Ital.)

One ounce will produce about 1200 plants

**California Wonder.** A fine variety of great merit. Very large fruits, often weighing 8 to 10 ounces each, glossy green turning later to vivid red; flesh thick and mild in taste.

40c. per oz.; 1/4lb. \$1.35; \$5.00 per lb.

**Harris' Early Giant.** Enormous yielder of extra-large, deep green fruits turning to brilliant red; flesh thick and of a sweet, pleasant flavor.

35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.

**Hungarian Wax.** The golden yellow fruits, turning to scarlet, average about 2 1/2 inches in diameter and 4 to 5 inches long. They are very hot in taste and

are used principally for pickling. 35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.

**King of the North.** A large, handsome, early, dark green variety, changing to a beautiful red; mild flavor.

50c. per oz.; 1/4lb. \$1.65; \$6.00 per lb.

**Ruby King.** Fruits 5 to 6 inches long and about 3 inches in diameter, green, turning to red, and mild in flavor.

30c. per oz.; 1/4lb. 85c.; \$3.00 per lb.

**World Beater.** Very similar to Ruby Giant, but rather larger.

35c. per oz.; 1/4lb. 90c.; \$3.25 per lb.

**Bell or Bull Nose.** Early and slightly hot.

35c. per oz.; 1/4lb. 90c.; \$3.25 per lb.

	Oz.	1/4lb.	Lb.
<b>Chinese Giant.</b> .....	\$0 40	\$1 35	\$5 00
<b>Large Red Cherry.</b> (Hot.) .....	30	85	3 00
<b>Long Red Cayenne.</b> .....	30	85	3 00
<b>Neapolitan.</b> .....	35	90	3 25
<b>Pimiento.</b> .....	30	85	3 00
<b>Tomato or Squash.</b> .....	30	85	3 00

For Pepper Plants, see page 48

## SEED POTATOES

Pomme de Terre (Fr.) Kartoffel (Ger.) Patata (Ital.)

Our Potatoes are grown expressly for seed purposes.  
Plant 12 to 14 bushels per acre

**TIME OF SHIPMENT.** Potato shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship them at customer's risk any time during cold weather.

Our Potatoes are put up in sacks of 2 1/2 bushels each.

**Beats Them All (Michell's).** Has given the best results wherever tried. Oblong; quality fine. Extremely early, coming in about one week or ten days earlier than Early Rose.

**Early Rose (Houlton or Maine).** A leading variety for earliness, quality, and productiveness. Pink skin; oblong shape.

**Green Mountain.** General-crop variety. White; roundish flat.

**Irish Cobbler.** One of the earliest varieties. A fine sort and a heavy producer. Almost round.

**Jersey Redskin.** For planting in early July. Does especially well in light, sandy soil.

**Russet.** A fine late variety. Medium size; flat and roundish in shape. Quite immune to attacks of blight, etc.

### Regarding Potato Prices

At the time of printing this Catalog, prices for Potatoes could not be anticipated. We can, however, assure our customers that we will fill their orders at a reasonable price for first-class quality.

## PUMPKIN

Potiron (Fr.) Kurbis (Ger.) Zucca (Ital.)

One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre

**Connecticut or Common Field.** Suitable only for stock feeding. Yellow.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

**Japanese Pie.** A deep green, crook-necked variety with darker stripes which turn to a rich golden yellow. The fruit sets and matures early.

10c. per oz.; 1/4lb. 30c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

**King of the Mammoths.** Grows to an enormous size. Orange-salmon skin; bright yellow flesh. Excellent for pies.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Large Cheese.**

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

## PUMPKIN, continued

**Mammoth Cushaw or Golden Crookneck.** Flesh golden yellow and very tender.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Tennessee Sweet Potato.** Oblong; medium size; buff-yellow skin; delicious for pies.

10c. per oz.; 1/4lb. 30c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

**Winter Luxury.** Known as the New England pie Pumpkin. The skin is russet-yellow, while the flesh is golden orange.

10c. per oz.; 1/4lb. 30c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

## MICHELL'S SELECT RADISH SEED

Radis (Fr.) Radies (Ger.) Ravanelli (Ital.)

One ounce will sow 75 feet of row; 8 to 10 pounds, an acre

### Early Varieties

**Crimson Giant.** Globe-shaped.

10c. per oz.; 1/4lb. 30c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

**Early Scarlet Globe.** (Short-Top, Special Forcing.) A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Early Scarlet or Cardinal Globe.** (For outside sowing.) Attractive in shape and color; pure white flesh, crisp and of delicious flavor, outer skin brilliant scarlet.

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

**French Breakfast.** Oblong; scarlet, tipped with white.

10c. per oz.; 1/4lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

**Icicle.** A white variety of fine quality.

10c. per oz.; 1/4lb. 25c.; 65c. per lb.; 5 lbs. \$3.00; \$5.50 per 10 lbs.

**Long Scarlet Short-Top.**

10c. per oz.; 1/4lb. 25c.; 65c. per lb.; 5 lbs. \$3.00; \$5.50 per 10 lbs.

**Michell's 25-Day.** A fine, crisp table variety. Round, smooth skin of brilliant red color; mild flavor. Quick grower.

15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Philadelphia White Box.** A selection of the old White Box Radish, more perfect in form and producing shorter tops. It does not have a tendency to grow long.

10c. per oz.; 1/4lb. 25c.; 65c. per lb.; 5 lbs. \$3.00; \$5.50 per 10 lbs.

**Round Red or Button.**

10c. per oz.; 1/4lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

**Scarlet Turnip, White-tipped.**

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

### Summer and Winter Varieties

**Celestial or White Chinese.**

10c. per oz.; 1/4lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

**China Rose.** Half long, with scarlet tip.

10c. per oz.; 1/4lb. 25c.; 80c. per lb.; 5 lbs. \$3.75; \$7.00 per 10 lbs.

**Long Black Spanish.**

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

**Round Black Spanish.**

10c. per oz.; 1/4lb. 25c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

**White Strasburg.**

10c. per oz.; 1/4lb. 25c.; 65c. per lb.; 5 lbs. \$3.00; \$5.50 per 10 lbs.

Write for prices on large quantities of Radish Seed



Michell's 25-Day Radishes



New Bloomsdale Long-standing Savoy Spinach

## RHUBARB

Rhubarbe (Fr.) Rhabarber (Ger.) Rabarbaro (Ital.)

**Victoria.** 15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.

## Rhubarb Roots

Ready April 1 for spring planting; October 1 for fall planting

**MacDonald's.** New variety of great merit. For market gardeners or home-gardens. \$2.50 per doz. (by Parcel Post, \$2.70); per 100, \$18.00

**Victoria.** \$1.25 per doz. (by Parcel Post, \$1.45); per 100, \$7.00; \$60.00 per 1000

## ITALIAN ROCKET • Rucola

Greatly relished in salads and soups. The leaves, which are of a dark green color, greatly resemble sorrel; slightly pungent.

15c. per oz.; 1/4lb. 40c.; \$1.25 per lb.; 5 lbs. \$6.00

## SALSIFY • Oyster Plant

Salsifis (Fr.) Hafer Wurzel (Ger.) Salsefia (Ital.)

One ounce will sow about 50 feet of drill; 10 pounds, an acre

**Mammoth Sandwich Island.** This variety is of enormous size, twice as large as the ordinary white. Pure white, very tender and delicious. 20c. per oz.; 1/4lb. 55c.; \$1.75 per lb.; 5 lbs. \$8.50; \$16.50 per 10 lbs.

## SORREL

Oseille (Fr.) Sauerampfer (Ger.) Acetosa (Ital.)

**Broad-leaved French.** Relished principally by the French people who use it as a spinach dressing and as a salad. Has an acid flavor. The seed-stalks should be cut off when they appear.

15c. per oz.; 1/4lb. 50c.; \$1.60 per lb.; 5 lbs. \$7.75; \$15.00 per 10 lbs.

## SPINACH

Epinard (Fr.) Spinat (Ger.) Spinaccio (Ital.)

One ounce will sow 75 feet of drill; 10 to 12 pounds, an acre

**Bloomsdale Long-standing Savoy.** The long-standing characteristics of this variety make it valuable for spring sowing as it will stand considerable heat before bolting to seed. Leaves thick, crimped, and fleshy. 15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$17.00

**Dark Green-leaved Savoy.** A handsome Bloomsdale type. Leaves much darker green.

15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$16.00

**King of Denmark.** A variety which stands a long while without running to seed. 15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$18.00

**Long Season.** Strong, robust, and crinkled. Resists a great deal of heat without shooting to seed.

15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$17.00

**Market Gardeners.** This new variety is a decided improvement on all other kinds. Leaves broad, heavy, dark green, glossy, very heavily blistered. Will stand a week or ten days longer without shooting to seed than any variety we know of.

15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$17.00

**Virginia Blight-resistant Savoy.** A low-growing, spreading variety of vigorous growth, which is immune from disease. One of the most popular varieties for market. Excellent for fall sowing.

15c. per 1/4lb.; lb. 35c.; \$2.50 per 10 lbs.; 100 lbs. \$17.00

## SPINACH, continued

**New Zealand.** This variety endures heat and drought. Excellent for summer use. One sowing can be picked from the entire summer. Do not confuse this with other varieties of Spinach, as the seed should be sown about May 15. In order to get a successful germination of the seed, it should be soaked in warm water for about 12 hours before sowing.

10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 5 lbs. \$2.75; \$5.00 per 10 lbs.

**Perpetual.** This is really a form of Swiss Chard, but the taste is very much like Spinach, hence our reason for this classification. Sow seed in rows in early spring; thin out for best results. Ready for cutting in 5 to 6 weeks; cut off about 2 inches above crown of plant.

15c. per oz.; 1/4lb. 45c.; \$1.50 per lb.; 5 lbs. \$7.25; \$14.00 per 10 lbs.

## CUPROCID • Cuprous Oxide

An excellent material for the treatment of Spinach seed before sowing to prevent the fungous disease known as damping-off. Use at the rate of 2 teaspoonfuls to 1 pound of seed. 90c. per lb.; 5 lbs. \$4.00; \$14.00 per 20 lbs.; 50 lbs. \$25.00; \$77.00 per 200-lb. drum.

## SQUASH

Course (Fr.) Kurbis (Ger.) Zucca (Ital.)

One ounce will sow 20 to 50 hills; 3 to 4 pounds, an acre

### Summer Varieties

**Cocozelle or Italian.** A bush variety with smooth, dark green fruits, striped lighter.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Giant Yellow Summer Crookneck.** Skin very rough and warted. A variety with a running vine.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Mammoth White Bush.** Round, scalloped fruits with an ivory-white skin. One of the earliest to mature and very prolific, bearing continually until killed by frost.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

**Table Queen or Acorn.** Matures early, being edible in about 55 days from planting. Fruits 6 to 8 inches long, 3 inches in diameter, with deep green rind turning to orange as it ripens; flesh light yellow. Fine for baking.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Zucchini.** An Italian variety of the Cocozelle type. Fruits 12 to 14 inches long; skin green, mottled yellow when matured; delicious flavor.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

### Fall and Winter Varieties

**Blue Hubbard.** A selection from the original Hubbard.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Boston Marrow.** Shaped similar to Hubbard. Golden orange.

10c. per oz.; 1/4lb. 30c.; 75c. per lb.; 5 lbs. \$3.50; \$6.50 per 10 lbs.

**Delicious.** Oblong, with deep green skin and thin rind. One of the best winter keepers.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Golden Hubbard.** Used extensively for pie, but when served as a vegetable, it is very dry and delicious.

10c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 5 lbs. \$4.75; \$9.00 per 10 lbs.

**Hubbard. True.** Fruits large, olive-shaped. Excellent keeper.

10c. per oz.; 1/4lb. 30c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.

## SWISS CHARD

**Dark Green Curled.**

10c. per oz.; 1/4lb. 30c.; 90c. per lb.; 5 lbs. \$4.25; \$8.00 per 10 lbs.

**Giant Lucullus.**

10c. per oz.; 1/4lb. 25c.; 85c. per lb.; 5 lbs. \$4.00; \$7.50 per 10 lbs.



Mammoth White Bush Squash

For Tomato perfection use Michell's special strains

# MICHELL'S SELECT TOMATO SEEDS

Pomme d'Amour (Fr.)      Liebesapfel (Ger.)      Pomo d'oro (Ital.)

One ounce will produce 3500 plants; 1/4 pound, enough for an acre

Note.—All Seeds offered on this page mailed free at prices quoted

ALL VARIETIES OF TOMATOES MARKED "SPECIAL STRAIN" ARE CERTIFIED



Pritchard or Scarlet Topper (Special Strain)

- Bonny Best.** One of the most prolific of early Tomatoes. Medium size, very solid, and evenly formed, bright red.  
25c. per oz.; 1/4lb. 85c.; \$3.00 per lb.
- Break o'Day.** An early wilt-resistant variety. Globular, large, smooth, meaty, and of a good red color. 40c. per oz.; 1/4lb. \$1.15; \$4.25 per lb.
- Chalk's Early Jewel.** A favorite variety with the market gardener. Bright red, solid, and a good shipper.  
25c. per oz.; 1/4lb. 85c.; \$3.00 per lb.
- Crimson Cushion or Beefsteak.** A vigorous grower. Immense, crimson-scarlet, solid fruit, excellent for either slicing or canning. Very meaty and with but few seeds. 40c. per oz.; 1/4lb. \$1.35; \$5.00 per lb.
- Dwarf Champion.** Dwarf and compact. Fruits purplish pink, very solid.  
35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.
- Dwarf Stone.** A dwarf compact-growing plant with medium-sized, very solid, bright red fruit. Late cropper.  
35c. per oz.; 1/4lb. \$1.10; \$4.25 per lb.
- Earliana (Penn State).** The most prolific early Tomato ever produced. Grows in clusters. Medium size, solid, and very desirable.  
35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.
- Early Detroit.** A productive, purple sort. Large, smooth, of excellent quality.  
35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.
- Golden Ponderosa.** The best large golden yellow variety. Early, smooth, and of excellent quality. Similar in shape to the regular Ponderosa.  
45c. per oz.; 1/4lb. \$1.40; \$5.00 per lb.
- Greater Baltimore.** A main-crop variety. Fruit large, brilliant red.  
25c. per oz.; 1/4lb. 80c.; \$2.50 per lb.
- John Baer.** The very first Tomato to fruit in the garden. Plants dwarf. Fruit of medium size, red, very uniform.  
25c. per oz.; 1/4lb. 85c.; \$3.00 per lb.
- June Pink.** A variety similar to the Earliana in size and shape. Purplish pink fruits, uniform in shape and size, with solid flesh of fine texture.  
35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.
- Marglobe. Special Strain.** An extra-fine selection of the originator's stock and a variety of special merit, the origin of which is credited to the U. S. Department of Agriculture. It is immune from the nail-head rust and Tomato blight. Globe-shaped; smooth, rich scarlet color; excellent quality.  
35c. per oz.; 1/4lb. \$1.10; \$4.00 per lb.
- Marglobe. Usual Strain.** 30c. per oz.; 1/4lb. 85c.; \$3.00 per lb.
- Oxheart.** A main-crop, pink-fruited, heart-shaped variety, meaty, of fine quality. Some of the fruits grow to an enormous size. A shy seedler.  
50c. per oz.; 1/4lb. \$1.85; \$7.00 per lb.

- Ponderosa.** The largest Tomato in existence. Beautiful purplish pink.  
45c. per oz.; 1/4lb. \$1.60; \$6.00 per lb.
- Pritchard or Scarlet Topper. Special Strain.** An early variety originated by the late Dr. Pritchard of the U. S. Department of Agriculture. Undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o'Day, but the color of the inside is darker red. A good canning sort as well as a fine variety for slicing. The seed of this strain is produced by our best local Tomato grower and is superior to other strains.  
40c. per oz.; 1/4lb. \$1.20; \$4.50 per lb.
- Pritchard or Scarlet Topper. Usual Strain.**  
35c. per oz.; 1/4lb. \$1.00; \$3.75 per lb.
- Rutgers. Special Strain.** A new introduction by the New Jersey Agricultural College. The parent plants are Marglobe and J. T. D. Has the same size, color and shape as Marglobe, except that it is somewhat flatter at the stem end. A good feature of this variety is its deep red color inside. See illustration, page 34.  
45c. per oz.; 1/4lb. \$1.35; \$5.00 per lb.
- Rutgers. Usual Strain.** 35c. per oz.; 1/4lb. \$1.00; \$3.50 per lb.
- Stone.** Large, handsome, red fruit with smooth skin. Recommended for a main crop.  
25c. per oz.; 1/4lb. 80c.; \$2.75 per lb.

## Forcing Tomatoes

- Michigan State Forcing.** Very productive; medium size; bright red.  
35c. per 1/2oz.; oz. 60c.; \$2.00 per 1/4lb.
- Sutton's Perfection. Imported.** Original pkt. \$1.00; 3 pkts. \$2.85

## Small-Fruited Tomatoes

	Oz.	1/4lb.
<b>Red Cherry</b> .....	\$0 40	\$1 25
<b>Red Peach</b> .....	40	1 25
<b>Red Plum</b> .....	40	1 25
<b>Yellow Plum</b> .....	40	1 25
<b>Strawberry or Husk</b> .....	40	1 25

For Tomato Plants, see page 48

Deduct 3 per cent discount on Vegetables Seeds only, if cash accompanies order



Marglobe Tomato

All above prices subject to market changes

# Our young Plants are strong and have grand root-systems



Purple-Top White Globe Turnip

## TURNIP

Navet (Fr.)      Weisse Rube (Ger.)      Navone (Ital.)

One ounce will sow 100 feet of drill; 2 pounds an acre, broadcast

- Early Purple-Top Flat.** Desirable for market. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00
- Early White Flat Dutch.** (Strap-leaf.) Medium-sized root. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00
- Japanese Foliage.** The root, or bulb, as well as the top is edible. When cooked the top is very tender and of a mild Turnip flavor. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00
- Purple-Top White Globe.** Large; skin purple at top and white at bottom; pure white flesh, firm, fine-grained and of excellent flavor. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00
- Snowball.** A pure white globe variety, almost round. Early. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00
- Southern Seven-Top.** Cultivated extensively in the South for the tops which are used as "greens"; also a favorite green food for stock. 10c. per oz.; 1/4lb. 20c.; 50c. per lb.; 10 lbs. \$4.00
- Yellow Globe or Amber.** Shaped like the Purple-top Globe. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00

## RUTABAGA

Chou-navet (Fr.)      Kohlrube (Ger.)      Cavol Navone (Ital.)

- American Purple-Top Yellow. Special Strain.** This strain is at least 8 to 10 days earlier than our usual strain. The roots are mostly round with a small tap-root, yellow in color, with purple crown; flesh amber-colored, sweet and free from fiber; tops medium size and of a smoky green color. This strain is of very rapid growth. Seed can be sown much later than other strains and yet develop a large root before freezing weather. 15c. per oz.; 1/4lb. 35c.; \$1.00 per lb.; 10 lbs. \$9.00
- Purple-Top Yellow. Usual Strain.** Top purple, bottom yellow. 10c. per oz.; 1/4lb. 25c.; 60c. per lb.; 10 lbs. \$5.00



American Purple-Top Yellow Rutabaga (Special Strain)

## TOBACCO SEED

The flower is very sweet scented and the leaves may be dried, cured, and made into smoking tobacco and cigars. Sow in a box indoors, transplanting when 3 inches high in thumb-pots, and set outdoors in May.

	Oz.	1/4lb.	Lb.
<b>Connecticut Seed-Leaf.</b> Produces large leaves. Desirable for making cigars. . . . .	\$0 40	\$1 15	\$4 25
<b>Sweet Oronoka.</b> A good variety for home use and suitable for chewing Tobacco. . . . .	35	1 10	4 00
<b>Virginia Bright Leaf.</b> Does well in light soils. Suitable for pipe-smoking. . . . .	35	1 10	4 00

See pages 33 and 34 for NOVELTIES and SPECIALTIES IN VEGETABLE SEEDS

# Michell's Recleaned Bird Seeds, Pet Supplies, Etc.

Prices quoted upon application

- Canary.** Plain Sicily.
- Canary Mixed.**
- Hemp Seed.**
- Millet Seed.** Imported.
- Rape Seed.**
- Unhulled Rice.**

- Thistle Seed.**
- Bird Manna.**
- Cuttle-Fish Bone.**
- Fish-Food.** For aquariums.
- Lettuce Seed.**

- Maw Seed.**
- Parrot Food, Spratt's.**
- Sand for Bird-Cages.** Fine, red or silver. Silver (coarse).
- Song Restorer.** For canaries.

### SUNFLOWER SEED

We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article.

## Vegetable Plants and Roots, Etc.

- ARTICHOKE ROOTS.** (Ready in April.)  
**Jerusalem.** 15c. per lb.; 10 lbs. \$1.20; \$5.00 per 50 lbs.
- ASPARAGUS.** (Ready about March 20 for spring planting; about October 10 for fall planting.)  
100 2-yr. roots By P. P. 1000  
\$1 25 \$1 40 \$10 00
- BRUSSELS SPROUTS.** (Ready in July.)  
60c. per 100 (by P. P., 85c.); per 1000, \$4.50
- CABBAGE.**  
**Early Sorts.** From hotbeds. (Ready April 15.)  
50c. per 100 (by P. P., 65c.); \$4.00 per 1000
- Coldframe Plants.** Transplanted. (Ready April 1.)  
60c. per 100 (by P. P., 75c.); \$5.50 per 1000
- Late Sorts.** Danish Ballhead and Late Flat Dutch only. (Ready July 1.)  
50c. per 100 (by P. P., 65c.); \$4.00 per 1000
- CELERY.** (Ready in July.)  
Leading varieties. 50c. per 100 (by P. P., 65c.); \$4.00 per 1000
- CHIVES.** (Ready in April.)  
Strong plants. \$1.50 per doz. (by P. P., \$1.70); \$10.00 per 100
- EGGPLANT.** (Ready May 15.)  
**New York Improved and Black Beauty.** Pot-grown at our own Nurseries. 60c. per doz.; per 100, \$4.50. Not mailable.
- LAVENDER (Herb).** (Ready in April.)  
Pot-grown. \$2.50 per doz.; per 100, \$18.00. Not mailable.
- HORSERADISH ROOTS.**  
\$1.25 per 100 (by P. P., \$1.35); \$8.00 per 1000
- MINT (Herb).** (Ready in April.)  
**Peppermint.** Pot-grown. \$1.50 per doz.; per 100, \$10.00
- Spearmint.** Pot-grown. \$1.50 per doz.; per 100, \$10.00. Not mailable.

- PARSLEY.** (Ready in April.)  
Pot-grown. 60c. per doz.; per 100, \$4.00. Not mailable.
- PEPPER.** (Ready in May.)  
Pot-grown. 60c. per doz.; per 100, \$4.00. Not mailable.
- RHUBARB ROOTS.** (Ready April 1 for spring planting; October 15 for fall planting.)  
**MacDonald's.** New variety of great merit. Fine for market gardeners or for home-gardens.  
\$2.50 per doz. (by P. P., \$2.70); per 100, \$18.00  
\$1.25 per doz. (by P. P., \$1.45); per 100, \$7.00
- Victoria.**
- ROSEMARY (Herb).** (Ready in April.)  
Pot-grown. \$2.50 per doz.; per 100, \$18.00. Not mailable.
- SAGE (Herb).** (Ready in April.)  
**Holt's Mammoth.**  
Pot-grown. \$2.00 per doz.; per 100, \$15.00. Not mailable.
- SWEET POTATO.** (Ready in May.)  
**Red Nansemond.** 60c. per 100 (by P. P., 70c.); \$4.00 per 1000
- Yellow Nansemond.** 60c. per 100 (by P. P., 70c.); \$4.00 per 1000  
Sweet Potato Plants are shipped at buyer's risk and not less than 100 of a variety can be supplied.
- TARRAGON.** (Ready in April.)  
Pot-grown. \$2.50 per doz.; per 100, \$18.00. Not mailable.
- THYME.** (Ready in April.)  
**English Broad-leaved.**  
Pot-grown. \$2.00 per doz.; per 100, \$15.00. Not mailable.
- TOMATO.** (Ready April 15.)  
Pot-grown. 50c. per doz.; per 100, \$4.00; \$32.50 per 1000  
Price on hotbed-grown Tomato plants upon application.

Deduct 3 per cent discount on Vegetable Seeds only, if cash accompanies order

# Michell's High-Grade Farm Seeds

Prices where quoted subject to market changes

## Clovers

**Alfalfa or Lucerne** (*Medicago sativa*). Non-irrigated, western-grown seed. Sow during May, August, and September, not less than ½ bushel (30 pounds) per acre, preferably with no other crop.

**Alfalfa, Grimm Strain.** Claimed to be hardy in any and all regions. A heavy yielder and of deep-rooting habit. About 15 to 20 pounds of Grimm Alfalfa is sufficient to seed an acre on account of its great root-system.

**Alsike or Swedish Clover** (*Trifolium hybridum*). One of the best for mixing with timothy and perfectly hardy in every climatic or soil condition. Grows 1 to 2 feet high. Sow early in the spring or late summer and early autumn, 10 to 15 pounds per acre alone or 8 pounds with timothy.

**Crimson Clover** (*Trifolium incarnatum*). Used principally for soiling or green manuring, for which purposes it is highly valuable. Sow any time from April to October, 20 pounds to the acre.

**Mammoth Red Clover** (*Trifolium pratense perenne*). Differs from Medium Red Clover in being of ranker growth and yielding more fodder per acre. Sow in early spring or late summer and fall, using 20 pounds per acre alone, or with other crops, 10 pounds per acre.

**Medium Red Clover** (*Trifolium pratense*). More widely known and used than any other. Used principally for hay purposes. Height from 1½ to 2½ feet. Sow early in the spring or in late summer and fall, 20 pounds per acre, if alone, and with other crops, 10 pounds per acre.

**Sweet or Bokhara Clover** (*Melilotus alba*). Used either as a feed-crop, or to plow under as a fertilizer. Grows from 3 to 5 feet high, thriving on almost any kind of soil. Sow 15 pounds per acre in spring or fall.

**White Dutch or Lawn Clover** (*Trifolium repens*). Choice re-cleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Lb. 65c.; \$3.00 per 5 lbs.; 10 lbs. \$5.50; \$11.75 per 25 lbs.; 100 lbs. \$45.00. Prices for larger quantities on application.

## Miscellaneous Farm Seeds

**Barley.** Big heads of large grains. Sow 1½ to 2 bushels per acre from May 15 to July 1. 48 lbs. per bushel.

**Beans, Soja, Mammoth Yellow** (late) or **Wilson** (early). A great soil-enricher. Sow 1½ bushels per acre during May. 60 lbs. per bushel.

**Broom Corn, Early Evergreen.** Sow 10 pounds per acre during May. 50 lbs. per bushel.

**Buckwheat, Japanese.** Enormous yielder. Large grains. Sow 1 bushel per acre during June and July. 48 lbs. per bushel.

**Cowpeas, New Era and Whippoorwill.** Sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. 60 lbs. per bushel.

**Field Peas, Canada.** Sow 1½ bushels per acre, with 1 bushel of oats during April. Makes fine green feed. 60 lbs. per bushel.

**Flax.** Sow 1 bushel per acre during May and June. 56 lbs. per bushel.

**Kaffir Corn.** The grain is used for feeding poultry and the fodder for cattle. Sow in June and July, 10 pounds per acre. 56 lbs. per bushel.

**Millet, Hungarian, Golden, and Japanese.** An excellent emergency hay crop that can be harvested in 60 days. Sow Hungarian and Golden during June and July, 1 bushel (48 pounds) per acre; Japanese, (35 lbs. per bushel) 12 pounds per acre.

**Oats, Storm King, Swedish (Washington), and Welcome.** Sow from April until June, 3 bushels per acre. 32 lbs. per bushel.

**Rape, Dwarf Essex.** A valuable green food for sheep and hogs. Sow 6 pounds per acre broadcast or in drills, at intervals from April 1 to October 1. 50 lbs. per bushel.

**Rye, Spring.** Sow 1½ bushels per acre broadcast during April and May. 56 lbs. per bushel.

### Regarding Prices

Constant market fluctuations on Farm Seeds make it inadvisable to list prices. We will be pleased to quote on application. Please specify quantity required



Red Clover

## MISCELLANEOUS FARM SEEDS, continued

**Rye, Winter, Rosen.** Sow in October and November, 1½ bushels per acre. 56 lbs. per bushel.

**Sorghum or Sugar-Cane, Early Amber.** Sow 25 pounds per acre in drills during May or June. 50 lbs. per bushel.

**Sudan Grass.** Similar to millet. Sow 16 to 24 pounds per acre broadcast during April, May, and June.

**Sunflower, Mammoth Russian** (for seeding). Excellent poultry-food. Sow 10 quarts per acre in drills. 18c. per lb. (by Parcel Post, 25c.); 5 lbs. 80c. (by Parcel Post, 95c.); \$1.45 per 10 lbs. (by Parcel Post, \$1.65); 25 lbs. \$3.25.

**Timothy.** Sow ½ bushel per acre during April, August, or September. 45 lbs. per bushel.

**Vetch, Winter** (*Vicia villosa*) and **Spring** (*V. sativa*). For green feed, green manure, and cover crops. Sow 1 bushel per acre broadcast. 60 lbs. per bushel.

**Wheat, Marquis.** Sow 1½ bushels per acre in drills. 60 lbs. per bushel. Winter varieties ready after September 15.

## Field Corn

We make a specialty of choice Field Seed Corn, shelled from carefully tipped and butted ears and dried naturally by air.

**Champion White Pearl**  
**Early Canada Flint**  
**Early Leaming Dent**  
**Eureka White Ensilage**  
**Golden Beauty**  
**Improved Golden Dent**

**Lancaster County Sure-Crop**  
**Reid's Yellow Dent**

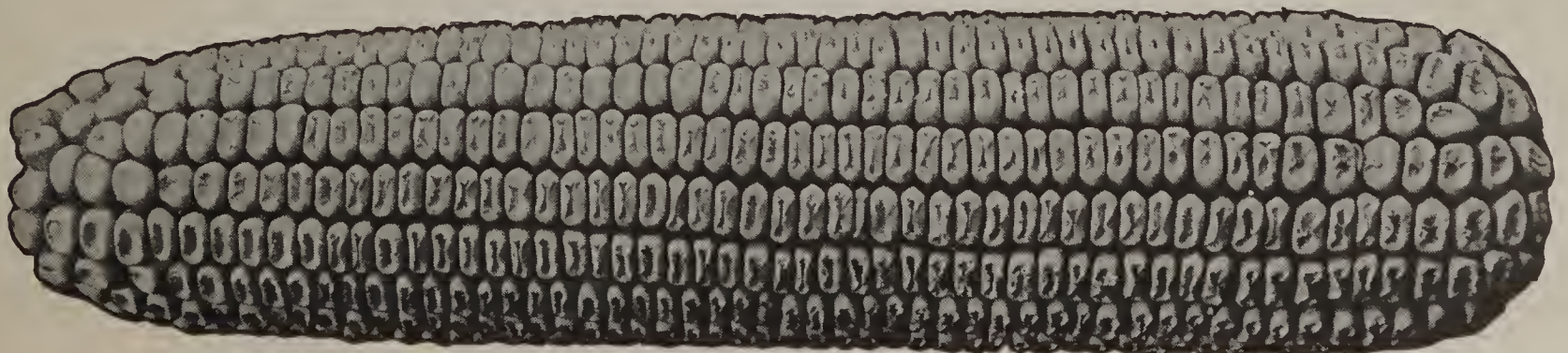
**Sweepstakes.** A new deep orange variety, yielding 70 to 80 bushels of shelled Corn to the acre.

Field Corn weighs 56 pounds per bushel, and prices will be quoted on application.

### Stanley's Crow-Repellent

Rids your corn crop of crows and other corn-pulling birds. Saves loss of seed and labor of replanting; aids and hastens germination; protects seed from rotting in the ground.

½pt. 60c.; \$1.00 per pt.; qt. \$1.75. One pint is sufficient for 2 bushels of Seed Corn.



Early Leaming Dent Corn

Grass Seed for every purpose, the very best obtainable

## Michell's Grass Seed Mixtures

### Quality

Price should not be the prime consideration when buying Grass Seed. Low-quality seed may be the cause of endless trouble, in addition to setting the result of expensive labor and preparation at naught.

Our connections with the most reliable producers in this country and abroad place us in a position of advantage for our supplies, chiefly because of the large volume of Grass Seed for which we contract.

We are always pleased to submit samples, with prices, for comparison and let our customers be the judge.

### Lawn Seed for Resale

Many florists, nurserymen, and landscapers find additional profit in the sale, to their customers, of better-grade Lawn Seed Mixtures. Michell's quality is known throughout the country and is backed by national advertising in selected mediums.

We offer our standard mixtures, listed below, put up in attractive cartons at very interesting prices when purchased in quantity.

Let us know your requirements, and we will furnish complete information and prices.

#### For the Lawn

**Michell's Clover Lawn.** Mixed with a most liberal quantity of best re-cleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn-out, or burned spots; excellent for seashore lawns. 30 lbs. per bushel. 30c. per pt.; qt. 55c.; \$1.00 per 2 qts.; 4 qts. \$1.90; \$3.75 per pk.; 1/2 bus. \$7.00; \$13.50 per bus.; 100 lbs. \$43.00.

**Michell's Top-Notch.** The top-notch of quality. A perfectly blended combination of quick-growing, very compact, fine-bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bushel. \$3.00 per pk.; 1/2 bus. \$5.75; \$11.00 per bus.; 100 lbs. \$43.00.

**Michell's Superior Bent.** This mixture is composed of the finest grasses obtainable, consisting chiefly of the leading Bent varieties. We recommend sowing this formula at the rate of 1 pound to 300 square feet. 90c. per lb.; 5 lbs. \$4.00; \$18.00 per 25 lbs.; 100 lbs. \$70.00.

**Michell's Green Velvet.** Produces a perfect lawn in four to five weeks' time. 20 lbs. per bushel. 20c. per pt.; qt. 35c.; 65c. per 2 qts.; 4 qts. \$1.25; \$2.25 per pk.; 1/2 bus. \$4.25; \$8.00 per bus.; 100 lbs. \$37.00.

**Michell's Evergreen.** The standard lawn mixture. 20 lbs. per bushel. 15c. per pt.; qt. 25c.; 45c. per 2 qts.; 4 qts. 85c.; \$1.70 per pk.; 1/2 bus. \$3.25; \$6.00 per bus.; 100 lbs. \$27.00.

**Michell's Fairmount Park Lawn.** Very satisfactory mixture for general lawn-making. 20 lbs. per bushel. 13c. per pt.; qt. 20c.; 35c. per 2 qts.; 4 qts. 70c.; \$1.35 per pk.; 1/2 bus. \$2.65; \$5.00 per bus.; 100 lbs. \$21.00.

**Michell's Greendel Lawn Seed.** A quick-growing formula, producing a very satisfactory turf. Recommended for landscape work, where price is an important consideration. 20 lbs. per bushel. Not less than 1 bushel of this formula sold. \$4.00 per bus.; 100 lbs. \$16.00.

#### For Special Conditions

**Michell's Shaded Lawn.** Will produce a perfect sward in the most densely shaded places. 20 lbs. per bushel. 25c. per pt.; qt. 40c.; 75c. per 2 qts.; 4 qts. \$1.35; \$2.50 per pk.; 1/2 bus. \$4.75; \$9.00 per bus.; 100 lbs. \$43.00.

**Michell's Terrace or Embankment.** A mixture of long-rooted grasses that hold soil and prevent washouts, unless too steep. 20 lbs. per bushel. 20c. per pt.; qt. 35c.; 65c. per 2 qts.; 4 qts. \$1.25; \$2.25 per pk.; 1/2 bus. \$4.25; \$8.00 per bus.; 100 lbs. \$37.00.

**Michell's Seashore Formula.** Contains such grasses as thrive in salt-air regions and seashore resorts. 20 lbs. per bushel. 35c. per qt.; 2 qts. 65c.; \$1.25 per 4 qts.; pk. \$2.25; \$4.25 per 1/2 bus.; bus. \$8.00; \$37.00 per 100 lbs.

**Michell's Special Sod.** Produces a heavy sod in a short time. Excellent for cemetery use. 20 lbs. per bushel. 20c. per pt.; qt. 35c.; 65c. per 2 qts.; 4 qts. \$1.25; \$2.00 per pk.; 1/2 bus. \$3.85; \$7.50 per bus.; 100 lbs. \$35.00.

**Michell's Southern States Evergreen.** Made up especially for dry, hot localities. 20 lbs. per bushel. 25c. per qt.; 2 qts. 45c.; 85c. per 4 qts.; pk. \$1.70; \$3.25 per 1/2 bus.; bus. \$6.00; \$27.00 per 100 lbs.

If Mixed Grass Seeds are wanted by Parcel Post, add for postage as follows: 10c. per 2 qts.; 10c. per 4 qts.; 15c. per pk.; 20c. per 1/2 bus.; 30c. per bus. Larger quantities by Express or Freight



Lawn and Landscape Planting

## Michell's Grass Seed Mixtures

### For the Farm

**Michell's Permanent Pasture Grass Seed.** Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established pastures. 20 lbs. per bushel. \$1.60 per pk.; ½ bus. \$3.00; \$5.75 per bus.; 100 lbs. \$26.00.

**Michell's Permanent Hayfield Grass Seed.** Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established fields. 20 lbs. per bushel. \$1.70 per pk.; ½ bus. \$3.25; \$6.00 per bus.; 100 lbs. \$27.00.

### For Pleasure Grounds

**Michell's Athletic Field Mixture.** A special mixture of deep-rooting, fine-leaved grasses especially suited for baseball, football and cricket-grounds. 20 lbs. per bushel. \$1.90 per pk.; ½ bus. \$3.50; \$6.50 per bus.; 100 lbs. \$28.50.

**Michell's Fairways (Golf-Course) Mixture.** Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf-courses, to retain their permanency, should receive additional sowings during the season. 20 lbs. per bushel. \$1.90 per pk.; ½ bus. \$3.50; \$6.50 per bus.; 100 lbs. \$28.50.

**Michell's Putting Greens Mixture.** A quick-growing mixture of short, thin-bladed grasses, producing a turf of velvety texture. We recommend 100 pounds to a green 100 feet square. 25 lbs. per bushel. 70c. per qt.; pk. \$4.75; \$9.00 per ½ bus.; bus. \$18.00; \$70.00 per 100 lbs.

**Michell's Tennis Court Mixture.** A special combination of grasses that will withstand close mowing, frequent rolling, and heavy wear. 25 lbs. per bushel. \$3.75 per pk.; bus. \$14.50; \$57.00 per 100 lbs.

### White Dutch Clover

Choice re-cleaned seed for lawn use. 60c. per lb.; 5 lbs. \$2.65; \$5.00 per 10 lbs.; 25 lbs. \$11.50.

Price for larger quantities on application  
All prices subject to market changes



If separate varieties of Grass Seeds are wanted by Parcel Post, add 10c. per lb.; 20c. per 10 lbs., for postage.  
Larger quantities by Express or Freight

## Michell's Reliable Grass Seeds

### Separate Varieties

All Strictly Re-cleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

**Bent Grass, Certified Seaside** (*Agrostis maritima*). Very highest quality, certified and sealed in 50- and 100-pound bags by the Oregon Department of Agriculture. True creeping variety of Bent; makes an ideal putting-green turf. \$1.35 per lb.; 10 lbs. \$12.50.

**Bent Grass, Astoria.** A native Bent grown in Oregon; similar in growth to the Colonial type. \$1.35 per lb.; 10 lbs. \$12.50.

**Bent Grass, Colonial or Rhode Island** (*A. tenuis*; *A. capillaris*). \$1.35 per lb.; 10 lbs. \$12.50.

**Bent Grass, South German Creeping** (*A. stolonifera*). A mixture of creeping and velvet Bent types, suitable for greens, lawns, tennis courts, etc. 20 lbs. per bushel. \$1.50 per lb.; 10 lbs. \$13.50.

**Bent, Velvet** (*A. canina*). The finest textured of all the turf grasses. Pure seed is exceedingly scarce and commands a high price. \$5.00 per lb.

**Bermuda Grass** (*Cynodon Dactylon*). A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. 35 lbs. per bushel. 50c. per lb.; 10 lbs. \$4.50.

**Blue Grass, Fancy Kentucky** (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green, with narrow leaf-blades. 14 lbs. per bushel. 30c. per lb.; 10 lbs. \$2.75.

**Blue Grass, Canada** (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. 14 lbs. per bushel. 35c. per lb.; 10 lbs. \$3.00.

**Crested Dogtail** (*Cynosurus cristatus*). 21 lbs. per bushel. 50c. per lb.; 10 lbs. \$4.50.

**Fescue, Chewing's New Zealand, Imported** (*Festuca rubra fallax*). Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil-conditions. Excellent for lawn or putting-green. 14 lbs. per bushel. 55c. per lb.; 10 lbs. \$5.00.

**Fescue, Fine-leaved** (*F. tenuifolia*). This grass is especially valuable for dry soils. 14 lbs. per bushel. 90c. per lb.; 10 lbs. \$8.50.

**Fescue, Genuine Red Creeping** (*F. rubra*). Valuable for putting-greens, also for sowing on sandy soil and in shaded places. 14 lbs. per bushel. 90c. per lb.; 10 lbs. \$8.50.

**Fescue, Meadow** (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. 24 lbs. per bushel. 20c. per lb.; 10 lbs. \$1.75.

**Fescue, Hard, Imported** (*F. duriuscula*). A durable, wiry grass, gray-green in color; suitable for dry, sandy soils. Should always be sown in mixture with other grasses. An excellent grass for golf-links, tennis courts, etc.; will resist drought. 14 lbs. per bushel. 45c. per lb.; 10 lbs. \$4.00.

**Fescue, Sheep's, Imported** (*F. ovina*). Very similar to Hard Fescue. This makes an excellent grass for sowing on lawns, fields, or pleasure-grounds. 14 lbs. per bushel. 45c. per lb.; 10 lbs. \$4.00.

**Orchard Grass** (*Dactylis glomerata*). For early pasturing, this is very desirable; also fine for sowing in shaded places. 14 lbs. per bushel. 30c. per lb.; 10 lbs. \$2.50.

**Red-Top, Fancy Re-cleaned** (*Agrostis vulgaris*). One of the best grasses for immediate effect and as a nurse grass in lawn mixtures. It is fine bladed if mowed regularly. Adaptable to adverse soil-conditions. 32 lbs. per bushel. 35c. per lb.; 10 lbs. \$3.00.

**Rough-stalked Meadow, Imported** (*Poa trivialis*). An ideal lawn grass for shaded places. Fine, short-growing and dark green in color. 14 lbs. per bushel. 50c. per lb.; 10 lbs. \$4.50.

**Rye Grass, Domestic.** A quick-growing annual grass that is useful where immediate effect is desired. 24 lbs. per bushel. 20c. per lb.; 10 lbs. \$1.75.

**Rye Grass, English or Perennial, Imported** (*Lolium perenne*). A deep-rooted, quick-growing grass, valuable as a nurse grass in mixtures and excellent for pastures and hayfields. 24 lbs. per bushel. 25c. per lb.; 10 lbs. \$2.00.

**Rye Grass, Pacey's English, Imported** (*L. perenne Paceyi*). A more dwarf, finer-bladed strain of English Rye Grass. The best Rye Grass for use in lawn mixtures. 24 lbs. per bushel. 30c. per lb.; 10 lbs. \$2.50.

**Rye Grass, Italian, Imported** (*L. italicum*). Very desirable for pasture; comes to maturity the first season. The ideal seed for southern lawns in winter. 18 lbs. per bushel. 20c. per lb.; 10 lbs. \$1.75.

**Timothy** (*Phleum pratense*). A grass of high value for hay and pastures. 45 lbs. per bushel. 15c. per lb.; 10 lbs. 80c.



Canna Border

## Michell's Thrifty Canna Roots

Our roots are extra strong, contain plenty of eyes, and are absolutely true to name. Cannas are one of the best plants to use for mass effects in all public places, such as parks, cemeteries, etc., and to a lesser degree in beds and borders of private homes. You should procure a good supply from us for your requirements. Their height is indicated after each variety.

<b>Ambassador.</b> Brilliant cherry-red. Blooms early. Doz. 100 1000			
Bronze foliage. 4 ft.....	\$0 50	\$3 50	\$30 00
<b>Apricot.</b> Buff-yellow base, overspread with salmon-pink. Green foliage. 4 ft.....	60	4 25	37 50
<b>City of Portland.</b> Large; glowing pink. Profuse bloomer. Green foliage. 3½ ft.....	60	4 25	37 50

<b>Eureka.</b> An excellent white variety. Free bloomer. Doz. 100 1000			
Green foliage. 4 ft.....	\$0 50	\$3 50	\$30 00
<b>Fiery Cross.</b> Vivid scarlet, shading to crimson. Green foliage. 4 ft.....	50	3 50	30 00
<b>Golden Eagle.</b> Clear golden yellow; showy trusses well above the foliage. An early and free bloomer. Green foliage. 4 ft.....	50	3 50	30 00
<b>Golden Gate.</b> Almost pure gold, rayed with orange-crimson and apricot. Green foliage. 4 ft.	50	3 50	30 00
<b>Hungaria.</b> Flowers large; rich peach-blossom-pink. Dwarf, compact. Green foliage. 3½ ft..	55	3 75	32 50
<b>King Humbert.</b> Immense heads of coppery scarlet flowers. Bronze foliage. Of majestic growth. 4½ ft.....	50	3 50	30 00
<b>King Midas.</b> Large gamboge-yellow flowers on straight stems. An aristocrat among Cannas. 5 ft.....	50	3 50	30 00
<b>Mrs. Alfred F. Conard.</b> Perfectly formed, salmon-pink flowers of good size. Green foliage. 4 ft.	60	4 25	37 50
<b>Richard Wallace.</b> Light yellow flowers. Very floriferous. Green foliage. 4½ ft.....	50	3 50	30 00
<b>Shenandoah.</b> Flowers salmon-pink, in large clusters. Ruby-red foliage. 4 ft.....	50	3 50	30 00
<b>The President.</b> Immense, rich, glowing scarlet flowers. Green foliage. 4 ft.....	50	3 50	30 00
<b>Wyoming.</b> Orange-chrome-red. Bronze foliage. 6½ ft.....	50	3 50	30 00
<b>Yellow King Humbert (Queen Helen).</b> Flowers golden yellow, dotted red. Massive. Green foliage. 4½ ft.....	50	3 50	30 00
<b>Choice Mixed.</b> An assortment of many colors—all large-flowering types. Strong roots.....	50	3 25	27 50

25 Cannas of any one variety at 100 rate; 250 at 1000 rate



Canna, King Humbert

### Spring Bulbs should be treated with SEMESAN

before planting, to guard against attacks of certain diseases, some of which rot the bulbs or retard the growth and vigor of the plant, thereby reducing their normal flowering.

#### PRICES

2 ozs.....	\$0 35	25 lbs.....	\$45 50
1 lb.....	2 25	100 lbs.....	180 00
5 lbs.....	9 90		



# Michell's Cut-Flower and Exhibition Dahlias

A selection of choice cut-flower varieties is offered in this list. Orders for varieties not included here, but which are listed in our Retail Catalog, will be supplied at retail prices, less 20 per cent. Write for a copy of our Retail Catalog, if you do not have one. If

you desire varieties not listed by us, we shall be glad to fill your orders, as we have connections with the largest growers and can give prompt service. Unless otherwise specified, the varieties offered below will be supplied in dormant roots.

Abbreviations: ID., Informal Decorative; FD., Formal Decorative

## New Dwarf Dahlias

For the Garden and for Forcing

This new race of Dwarf Dahlias has created quite a sensation. They are wonderful subjects for garden planting, forming dwarf, compact plants which bloom throughout the summer until frost. The flowers, which are produced in great profusion, are seldom over 4 inches in diameter. They have proved themselves very useful as subjects for forcing, to bloom for spring sales. Divisions potted in January and grown cool can easily be brought in for Mother's Day in fine shape.

We offer green plants of these, ready in May from 3-inch pots.

**CHRISTINE.** Small, dainty, pure white flowers.

**EASTER GREETING.** The white flowers are of better form than Christine and somewhat larger, but not as early.

**ELSIE.** Deep golden yellow at center, passing to rich orange-carmine toward the tips of petals. Flowers are of good size and of Semi-Cactus form.

**GERTRUDE.** Clear sulphur-yellow flowers of good size.

**KATE.** Showy bright scarlet flowers of formal contour.

**URSULA.** Intense crimson Informal Decorative with carmine reverse. Flowers comparatively large.

Price, any of the above, strong 3-in. pot-plants, ready in May, 30c. each; doz., \$3.00; \$20.00 per 100

## New Dwarf Forcing Dahlia, Maria

This is a decided improvement on Easter Greeting, and has already displaced that variety largely in Europe for forcing purposes. Strong, vigorous grower and produces a superior flower.

Strong 3-in. pot-plants, ready in May, 40c. each; doz., \$4.00; \$30.00 per 100

## Decorative Varieties

	Each	Doz.	100
<b>Avalon.</b> FD. Immense, chrome-yellow flowers on long, strong stems.....	\$0 20	\$2 00	\$14 00
<b>Aztec Glory.</b> ID. Large bright lemon-yellow blooms on strong stems.....	40	4 25	30 00
<b>Calvin Coolidge, Jr.</b> FD. Flowers immense, of good form, rose-pink, suffused salmon; petals edged gold.....	30	3 00	20 00



New type Dwarf Dahlia

	Each	Doz.	100
<b>Chemar's Eureka.</b> FD. Very beautiful white bloom, faintly tinged lavender on edges of petals. Free bloomer. A good cut-flower.....	\$0 30	\$3 50	\$25 00
<b>City of Trenton.</b> ID. True autumn shades, reddish copper predominating. Large flowers with full centers.....	30	3 00	20 00
<b>Color Sergeant.</b> ID. Rich deep salmon-bronze; large fine flower.....	35	3 50	25 00
<b>Dorothy Stone.</b> ID. Huge, true deep pink flowers. Profuse bloomer.....	40	4 00	30 00
<b>Dr. John H. Carman.</b> FD. Vigorous grower. Large, Tyrian rose flower shaded silver. Good cut-flower.....	30	3 25	25 00
<b>Elite Glory.</b> FD. Rich red. Strong grower.	40	4 00	30 00
<b>Eliza London Shepard.</b> ID. Clear golden orange flowers of fine form and full center.....	35	4 00	30 00
<b>Fordhook Emperor.</b> ID. A glorious blending of rich salmon and rose, making a general effect of apricot. An excellent bloomer.....	25	2 75	20 00
<b>Fort Monmouth.</b> ID. Giant rich crimson-maroon flower. Free bloomer and excellent keeper.	40	4 00	30 00
<b>Fort Washington.</b> FD. Choice, large, rich velvety maroon blooms.....	30	3 25	25 00
<b>Galli-Curci.</b> FD. Large, deep, brilliant salmon-orange blooms with gold suffusion.....	35	3 50	25 00
<b>Gladys Sherwood.</b> ID. Very large; fine white..	25	2 25	15 00
<b>Graf Zeppelin.</b> FD. Large; pure white. Profuse cut-flower variety.....	35	4 00	30 00
<b>Harry Mayer.</b> FD. Soft lilac flowers of good size and depth.....	25	2 75	20 00
<b>Ida Perkins.</b> FD. One of the finest large, pure white varieties.....	30	3 50	25 00
<b>Jane Cowl.</b> ID. Deep blooms of bronzy buff and old-gold, blending darker toward the center...	25	2 50	15 00
<b>Jersey's Beacon.</b> FD. Bright scarlet, with a buff reflex, giving a two-toned effect. Free bloomer.	30	3 00	20 00



Decorative Dahlia

## Michell's Superb Dahlias

### DECORATIVE VARIETIES, continued

	Each	Doz.	100
<b>Jersey's Beauty.</b> FD. Large pink flowers on long stems. As a cut-flower, one of the best keepers.	\$0 20	\$2 00	\$12 50
<b>Jersey's Ideal.</b> ID. Large, phlox-pink, very artistic flower on good stem.	35	4 00	30 00
<b>Kathleen Norris.</b> ID. True rose-pink, deepening to mallow-pink, light center. Good bloomer.	40	4 00	30 00
<b>Kemp's Violet Wonder.</b> ID. Large, well-formed, bright violet-purple flower.	40	4 00	30 00
<b>Kentucky.</b> FD. Pure salmon-pink. Similar in form and habit to Jersey's Beauty.	25	2 25	15 00
<b>King Midas.</b> ID. Clear golden yellow.	40	4 00	30 00
<b>Margaret Woodrow Wilson.</b> ID. Creamy white, with phlox-pink reverse; huge blooms on good stems.	30	2 75	20 00
<b>Monmouth Champion.</b> FD. Vigorous grower. Giant, brilliant orange-flame blooms.	30	3 50	25 00
<b>Mrs. I. de Ver Warner.</b> FD. Immense, deep mauve-pink flowers of perfect form.	20	1 50	10 00
<b>Pride of California.</b> D. A brilliant cardinal-red bloom of large size. A wonderful cut-flower.	20	1 50	10 00
<b>Sagamore.</b> FD. Golden amber, shaded toward the center with salmon-rose.	25	2 25	15 00
<b>Sanhican's Beauty.</b> FD. Beautiful bright pink. Exceptionally good for cutting. Free bloomer.	30	3 50	25 00
<b>The World.</b> FD. Perfect, rich, deep, rosy magenta flowers overlaid garnet with silver shadings on edges of petals.	30	3 50	25 00
<b>Thomas A. Edison.</b> FD. A royal purple exhibition variety, named for the Electrical Wizard. Approved at the Dahlia shows.	40	4 00	30 00
<b>Treasure Island.</b> FD. Extra large, bright apricot, with gold and rose suffusion.	25	2 75	20 00
<b>White Jean Kerr.</b> FD. A white Dahlia of medium size and always in bloom. Good keeper for cutting.	20	2 00	12 00

### Cactus and Semi-Cactus Varieties

Abbreviations: C., Cactus; SC., Semi-Cactus; IC., Incurved Cactus

	Each	Doz.	100
<b>Alice Whittier.</b> SC. Large; primrose-yellow; long stems. Good keeper.	\$0 25	\$2 75	\$20 00
<b>Ambassador.</b> C. A good cut-flower. Color, soft yellow-buff, shaded salmon-pink.	25	2 75	20 00
<b>Cigarette.</b> SC. A grand cut-flower variety. Creamy white, heavily edged orange-red.	25	2 75	20 00
<b>Countess of Lonsdale.</b> C. Old-rose to salmon. Hard to surpass as a cut-flower.	20	2 25	14 00
<b>Edna Ferber.</b> SC. Large coral flowers, shading to old-gold at base.	35	4 00	30 00
<b>Elite Gem.</b> C. Spinel-pink-blush on primuline-yellow base. A beautiful cut-flower.	40	4 00	30 00



Pompon Dahlias

	Each	Doz.	100
<b>Emma Marie.</b> SC. Violet-rose, creamy white center. Fine for cut-flower.	\$0 25	\$2 50	\$17 00
<b>Golden Sonne.</b> C. Rich golden yellow, with soft rose suffusion. Extra-large flowers.	40	4 00	30 00
<b>Kalif.</b> SC. A monster rich, pure scarlet variety of perfect form on long, stiff stems.	25	50	17 00
<b>Marguerite Bouchon.</b> C. Rose and white. An old free-blooming favorite, still in demand.	30	3 50	25 00
<b>Mariposa.</b> SC. Beautiful pink, shading darker at center, with violet suffusion. Sturdy grower and a great favorite.	30	3 50	25 00
<b>Meta Scammell.</b> SC. Clear amaranth-pink. A gorgeous cut-flower variety. Very artistic.	35	4 00	30 00
<b>Rheinischer Frohsinn.</b> IC. Long, incurved petals, white at base, suffusing to luminous carmine-rose. A real cut-flower.	35	4 00	30 00
<b>Roycroft.</b> SC. Cinnamon-buff and russet. Very free bloomer. Strong stem.	25	2 50	17 00
<b>Siskiyou.</b> SC. Pink flowers tinted mauve; borne erect on long, strong stems.	40	4 00	30 00

### Pompon Varieties

<b>Amber Queen.</b> Deep amber. Excellent for cutting.	20	2 00	15 00
<b>Charming.</b> Lavender-pink. Excellent for cutting. A fine exhibition variety.	25	2 50	17 00
<b>Cora May.</b> Salmon-pink, shading to light primrose-yellow.	25	2 50	17 00
<b>Dee Dee.</b> Pure lavender.	25	2 50	17 00
<b>Edith Mueller.</b> Tyrian-pink, with silver reverse. A charming variety. Free bloomer.	25	2 50	17 00
<b>Goldilocks.</b> Pure gold. A choice variety.	20	2 25	14 00
<b>Honey.</b> Pale yellow, with faint suffusion of red on edges of petals. Free bloomer. Long stems. Excellent for cutting.	25	2 50	17 00
<b>Johnny.</b> Dark red or maroon. The smallest Pom grown.	25	2 50	17 00
<b>Johnny Peppin.</b> Small, dark crimson flowers of excellent formation, with firm stems.	25	2 50	17 00
<b>Little David.</b> Brilliant salmon-scarlet flowers; long wiry stems.	20	2 00	16 00
<b>Little Edith.</b> Gold, suffused red. Free bloomer. Excellent for cutting.	20	2 00	16 00
<b>Snowclad.</b> Pure white. Free bloomer.	20	2 00	16 00
<b>Sonny.</b> Pinkish cinnamon.	25	2 50	17 00
<b>Taka's Purple.</b> Purple.	25	2 50	17 00
<b>Yellow Gem.</b> Pure light yellow. Free bloomer. Long stems. Excellent for cutting.	20	2 00	16 00

### Miniature Varieties

Small decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers.

Abbreviations: MP., Miniature Pompon; D., Decorative; FD., Formal Decorative; C., Cactus; ID., Informal Decorative

	Each	Doz.	100
<b>Baby Royal.</b> MP. Apricot and soft salmon-pink.	\$0 40	\$4 00	\$30 00
<b>Bishop of Llandaff.</b> D. Bright scarlet, center deep garnet. Lacy foliage of reddish tinge.	40	4 00	30 00
<b>Camellia.</b> FD. Bright orange-flame, center usually full, of brilliant color. Good keeper.	40	4 00	30 00
<b>Fragrance.</b> (Single.) Each petal is snow-white, with a broad margin of bright scarlet.	40	4 00	30 00
<b>Kitty Bellaire.</b> C. Deep maroon; tiny, very graceful flowers.	20	2 00	16 00
<b>Lady Mary Hope.</b> ID. Amber and orange, tipped white.	40	4 00	30 00
<b>Little Jewel.</b> D. Peach-blossom-pink.	25	2 50	20 00

### Dahlias in Separate Colors

#### Undivided Large Clumps

These are excellent for retailing in your store

	Each	Doz.	100		Each	Doz.	100
<b>Pink</b>	\$0 15	\$1 50	\$11 00	<b>White</b>	\$0 15	\$1 50	\$11 00
<b>Red</b>	15	1 50	11 00	<b>Yellow</b>	15	1 50	11 00

#### MICHELL'S DAHLIA FOOD

A perfectly balanced fertilizer containing all the necessary elements to produce strong, vigorous plants and beautiful flowers. Especially prepared for Dahlias. 50 lbs. \$2.00; \$3.75 per 100 lbs.

Dusting Dahlia tubers with Semesan or soaking them in liquid Semesan will generally prevent rotting in storage or soil.

# Michell's Superb Gladiolus

Our Gladiolus bulbs are carefully cured and graded, the first-size bulbs being properly prepared for forcing. Bulbs are produced under the best conditions on our contract farms in Michigan, and also eastern points, and have been raised from stock which has not been used for cut-flower purposes. This insures quality bulbs that can be depended on for good results under proper care and culture. If our customers desire any varieties or other sizes of Gladiolus not in our list, please write us for prices, etc., as we are in a position to take care of your needs.

PLEASE NOTE: All Gladiolus bulbs offered are first size, 1½ inch and up, unless otherwise specified

## Named Varieties

<b>Albania.</b> One of the finest of pure whites. Flowers large. Free bloomer.	Doz.	100	1000
First-size bulbs, 1½ in. and up.....	\$0 40	\$2 00	\$16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00
<b>Albatross.</b> Immense, pure white blooms of unusual substance.....	60	3 75	32 50
<b>America.</b> Flesh-pink, tinged with lavender. Very free bloomer.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
<b>Anna Eberius.</b> Dark velvety purple, throat a deeper shade; flowers large, on long spikes.			
First-size bulbs, 1½ in. and up.....	45	2 50	20 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 00	17 00
<b>Annie Laurie.</b> Heavily ruffled; delicate pink overlaid light rose. Very distinct. Excellent for all decorations. Four to six flowers open at one time.....	40	2 00	17 00
<b>Berty Snow.</b> Large pinkish lavender flowers well placed on long spikes. Very fine cut-flower variety.....	40	2 35	19 00
<b>Betty Nuthall.</b> One of the finest varieties of recent introduction. Color a soft tone of light salmon-pink, with pale orange throat.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
<b>Byron L. Smith.</b> Delicate lavender-pink on white ground—equal in color to a very fine Cattleya orchid. An excellent cut-flower.			
First-size bulbs, 1½ in. and up.....	45	2 65	22 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 35	19 00
<b>Captain Boynton.</b> White, suffused lavender, blotched deeper in throat. Very attractive....	40	2 25	18 00
<b>Commander Koehl.</b> Large flowers on tall stems, brilliant scarlet-blood-red. A new introduction and one of the finest reds.			
First-size bulbs, 1½ in. and up.....	60	3 75	32 50
Second-size bulbs, 1¼ to 1½ in.....	50	3 25	29 00
<b>Crimson Glow.</b> One of the best scarlet varieties. Lower petals blotched carmine; flowers large.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
<b>Dr. F. E. Bennett.</b> Peach-red, overlaid flame-color, throat finely stippled ruby and white.			
First-size bulbs, 1½ in. and up.....	40	2 35	19 00
Second-size bulbs, 1¼ to 1½ in.....	35	2 00	16 00
<b>Early Sunrise.</b> Orange-salmon, with salmon-scarlet blotch on lower petals. Extremely early.			
First-size bulbs, 1½ in. and up.....	50	2 80	24 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 50	21 00
<b>E. J. Shaylor.</b> A beautiful ruffled variety with large, clear deep rose-pink flowers. Good cut-flower.			
First-size bulbs, 1½ in. and up.....	40	1 90	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00
<b>Evelyn Kirtland.</b> Beautiful geranium-pink, darker at the edges, scarlet blotches on lower petals; well-arranged flowers on tall spikes.			
First-size bulbs, 1½ in. and up.....	40	2 25	18 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 85	15 00
<b>Flaming Sword.</b> Very early. Bright scarlet-red. Very good forcer.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
<b>Giant Nymph.</b> Very large; light pink, suffused with cream-yellow. Strong grower and an excellent cut-flower.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00
<b>Gold Eagle.</b> Extra-early. Deep, rich yellow, slightly ruffled. A first-class florist's variety. Excellent for design work.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
<b>Golden Frills.</b> Deep yellow, penciled rose.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00



Gladiolus, Halley



Gladiolus, W. H. Phipps

LARGER QUANTITIES OF  
GLADIOLUS BULBS  
THAN THOSE LISTED WILL  
BE QUOTED UPON  
APPLICATION

Beloit, Wisc.

Wish to say that we were more than pleased with the Gladiolus bulbs you sent us, and also that we were among the very few that had Glads during the hot weather.

—Gateway City Greenhouse

# Sulrote is the answer to the Thrip trouble

## Michell's Superb Gladiolus

### NAMED VARIETIES, continued

	Doz.	100	1000
<b>Golden Measure.</b> Tall spikes of large flowers well arranged; color pure golden yellow.			
First-size bulbs, 1½ in. and up.....	\$0 45	\$2 50	\$22 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 35	19 00
<b>Halley.</b> Very large, well-expanded flowers of a lovely salmon-pink, blotched yellow, with carmine markings. Early.			
First-size bulbs, 1½ in. and up.....	40	1 90	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00
<b>Jenny Lind.</b> Clear salmon-pink, with creamy yellow throat. An ideal florists' variety.			
First-size bulbs, 1½ in. and up.....	40	2 25	18 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 85	15 00
<b>Le Marechal Foch.</b> Immense, ruffled, pale pink, flaked and striped deeper at edges.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
<b>Lily White.</b> Large flowers. Excellent grower and heavy propagator. Very early.			
First-size bulbs, 1½ in. and up.....	40	1 90	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 65	14 00
<b>Los Angeles.</b> Large, salmon-pink blooms on long stems. Early flowering.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
<b>Mary Pickford.</b> A choice flower and spike; creamy white, throat sulphur-yellow.			
First-size bulbs, 1½ in. and up.....	40	2 25	18 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 85	15 00
<b>Minuet.</b> A sensational light lavender with 4 to 6 large, heavy blooms open at one time.			
First-size bulbs, 1½ in. and up.....	50	3 50	30 00
Second-size bulbs, 1¼ to 1½ in.....	45	3 00	25 00
<b>Mrs. Dr. Norton.</b> Large flowers on tall spikes; white, with edges suffused soft La-France-pink. Fine cut-flower.			
First-size bulbs, 1½ in. and up.....	40	2 35	19 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 90	16 00
<b>Mrs. F. C. Peters.</b> Rosy lilac with soft crimson blotch; very large flowers.			
First-size bulbs, 1½ in. and up.....	40	2 25	18 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 85	15 00
<b>Mrs. Francis King.</b> Flame-pink, with lighter throat. Tall grower. An old favorite cut-flower variety.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00
<b>Mrs. Frank Pendleton, Jr.</b> Flowers very large, lovely flushed salmon-pink with carmine blotches in throat.			
First-size bulbs, 1½ in. and up.....	40	2 00	17 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 75	14 00
<b>Mrs. Leon Douglas.</b> Begonia-rose, striped brilliant scarlet, lower petals pale lemon speckled ruby. Flowers enormous, many open at a time.			
First-size bulbs, 1½ in. and up.....	40	2 00	17 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 75	14 00
<b>Mrs. P. W. Sisson.</b> Large flowers, many open at one time; color cameo-pink, with cream blotch. An ideal cut-flower. Blooms late mid-season.			
First-size bulbs, 1½ in. and up.....	40	1 90	16 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 75	14 00
<b>Nancy Hanks.</b> Apricot, shading to orange-pink, with heavy red penciling on lip; blooms large and well placed. A great improvement over Alice Tiplady.			
First-size bulbs, 1½ in. and up.....	40	1 90	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00
<b>Paul Pfitzer.</b> Dark violet-red; very large and heavily ruffled. An early midseason variety...	45	3 00	26 00
<b>Peace.</b> White, with lilac feather on the lower petal. Recommended for late planting.			
First-size bulbs, 1½ in. and up.....	40	1 90	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00

### SEMESAN

Prevent scab, hard rot, and similar surface-borne diseases from destroying your Gladiolus corms by soaking them in 2 per cent liquid Semesan. See page 93.

<b>Picardy.</b> Flowers well formed, clear flesh-pink, shading to soft shrimp at edges of petals.	Doz.	100	1000
First-size bulbs, 1½ in. and up.....	\$0 40	\$2 25	\$18 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 90	15 00
<b>Ruth Huntington.</b> Violet-lilac, with deeper markings on lower petals. Large, strong grower. Spikes well formed. A favorite for cutting.			
First-size bulbs, 1½ in. and up.....	45	2 50	20 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 00	17 00
<b>Schwaben.</b> Soft, pure yellow, purple blotch on lower petals. Heavy spike and foliage.			
First-size bulbs, 1½ in. and up.....	35	1 90	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00
<b>Virginia (Scarlet Princeps).</b> Intense scarlet, slightly deeper in throat. Extra fine. Early and much in demand.			
First-size bulbs, 1½ in. and up.....	40	1 90	16 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 60	13 00
<b>W. H. Phipps.</b> La-France-pink, overlaid rose-salmon. Destined to become an outstanding florist's variety. Ten to 20 blooms open at one time.			
First-size bulbs, 1½ in. and up.....	45	2 50	20 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 00	17 00
<b>Wilbrink.</b> Flesh-pink flowers, with creamy white blotch on lower petals. Very early. Highly recommended for forcing.			
First-size bulbs, 1½ in. and up.....	40	2 00	17 00
Second-size bulbs, 1¼ to 1½ in.....	35	1 75	14 00
<b>Yellow Favorite.</b> Deep yellow, penciled scarlet. A fine variety.			
First-size bulbs, 1½ in. and up.....	35	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	30	1 50	12 00

### Primulinus Varieties

This class of Gladiolus is very popular for its early blooming qualities and the artistic shadings and markings of its flowers. They are especially adapted for vases and basket work. We recommend the list below, which comprises the best varieties of this type. Our bulbs have been properly cured for forcing purposes.

<b>Alice Tiplady.</b> A beautiful and showy large-flowering orange-saffron variety.	Doz.	100	1000
First-size bulbs, 1½ in. and up.....	\$0 30	\$1 75	\$14 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00
<b>La Paloma.</b> Large, brilliant orange flowers. Vigorous grower			
First-size bulbs, 1½ in. and up.....	45	2 50	20 00
Second-size bulbs, 1¼ to 1½ in.....	40	2 00	17 00
<b>Maiden's Blush.</b> Enchantress pink. A variety popular with the florist. Very early.			
First-size bulbs, 1½ in. and up.....	35	1 75	14 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00
<b>Orange Queen.</b> Large, wide-open flowers of a warm tint of purest apricot.			
First-size bulbs, 1½ in. and up.....	30	1 85	15 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00
<b>Souvenir.</b> Early, commercial golden yellow variety. Good forcer.			
First-size bulbs, 1½ in. and up.....	30	1 75	14 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	11 00
<b>Primulinus Hybrids, Mixed.</b> An assortment of choice and vigorous hybrids, containing a full range of delicate tints and pastel shades. Fine for early cutting or basket decoration.....	25	1 50	12 00

### Mixtures of Gladiolus

<b>Michell's Giant-flowering.</b> This mixture has been selected with the utmost care for coloring and size of flowers.	Doz.	100	1000
First-size bulbs, 1½ in. and up.....	\$0 30	\$1 85	\$15 00
Second-size bulbs, 1¼ to 1½ in.....	25	1 50	12 00

25 bulbs of any one variety at 100 rate;  
250 at the 1000 rate

### SULROTE (Rotenone Sulphur)

A non-poisonous dust that keeps gladiolus thrips under control. By using Rotenone you can grow full spikes of perfect Gladiolus blooms that will delight you. The best remedy for this pest.

Lb. 35c.; \$1.15 for 5 lbs.; 25 lbs. \$4.75; \$18.00 per 100 lbs.

# Michell's Special Brand Lily Bulbs

SUGGESTIONS IN CONNECTION WITH THE GROWING OF HARDY LILIES UNDER GLASS

Hardy Lilies should be grown cool and given 16 to 18 weeks from time of planting to bring them into bloom, so the best results can be obtained; in fact, if you can give them longer to come into flower it is better. Where they are forced with plenty of heat, the result is that you get good foliage with not so many early blooms. We refer particularly to Magnificum, Melpomene, Rubrum, and Album.



*Lilium speciosum rubrum*

## Hardy Japanese Lilies • *Lilium japonicum*

These are excellent for growing under glass as they force readily in a moderate temperature, as described above. Prices are for shipment up to May 1, and include all cold-storage charges. After this date an additional 20 cents per case, per month, will be made for cold-storage and insurance charges.

<b>Auratum.</b> Golden-banded Lily.	Doz.	100
First-size bulbs, 8 to 9 in.....	\$1 60	\$10 50
Mammoth bulbs, 9 to 11 in.....	2 25	14 00
Monster bulbs, 11 to 13 in.....	2 75	19 00
<b>Speciosum album.</b> Pure white.		
Selected bulbs, 7 to 9 in.....	1 75	12 00
First-size bulbs, 8 to 9 in.....	2 50	18 00
Mammoth bulbs, 9 to 11 in.....	3 25	23 00
<b>Speciosum magnificum.</b> Rich crimson.		
First-size bulbs, 8 to 9 in.....	1 75	10 00
Mammoth bulbs, 9 to 11 in.....	2 25	15 00
Monster bulbs, 11 to 13 in.....	3 00	18 00
<b>Speciosum Melpomene.</b> Pink, spotted red.		
First-size bulbs, 8 to 9 in.....	1 75	10 00
Mammoth bulbs, 9 to 11 in.....	2 25	15 00
Monster bulbs, 11 to 13 in.....	3 00	18 00
<b>Speciosum rubrum or roseum.</b> Pink.		
First-size bulbs, 8 to 9 in.....	1 75	10 00
Mammoth bulbs, 9 to 11 in.....	2 25	15 00
Monster bulbs, 11 to 13 in.....	3 00	18 00
<b>Tigrinum flore-pleno.</b> Double Tiger Lily.....	2 00	12 00
<b>Tigrinum splendens.</b> Single Tiger Lily.....	2 00	12 00

Write for prices on Hardy Japanese Lilies in case lots

<b>MISCELLANEOUS JAPANESE LILIES</b>		
<b>Batemannia.</b> Orange-red.....	Doz.	100
<b>Hansoni.</b> Reddish orange.....	\$2 25	\$15 00
<b>Henryi.</b> Orange-yellow.....	3 50	25 00
<b>*Krameri</b> ( <i>L. japonicum</i> ). Blush-pink.....	2 50	15 00
<b>*Macranthum</b> ( <i>L. auratum platyphyllum</i> ). Giant Golden-banded Lily.....	2 50	15 00
	3 00	18 00

## Miscellaneous Hardy Lilies

The hardy native Lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity.

<b>Canadense.</b> Bright yellow.....	Doz.	100
<b>Canadense rubrum.</b> Red.....	\$2 25	\$14 00
<b>Davuricum.</b> Upright scarlet flowers.....	2 50	15 00
<b>*Elegans, Mixed.</b> Shades of orange.....	2 50	16 00
<b>Pardalinum Californicum.</b> Orange, spotted crimson..	1 75	12 00
<b>Superbum.</b> Orange-red.....	2 75	18 00
<b>*Umbellatum.</b> Orange-scarlet.....	2 25	15 00
	2 50	15 00

**\*Tenuifolium.** Coral Lily. Plants reach a height of 1½ feet, with clusters of brilliant scarlet, star-like flowers on wiry stems. Grows very easily in a well-drained pocket in the rock-garden. 90 cts. per doz.; per 100, \$6.00; \$45.00 per 1000.

The varieties marked \* are excellent for the rockery

## Regale Lily • *Lilium myriophyllum*

Heavy, single-crown, Oregon-grown bulbs

	Doz.	100	1000
6 to 7 in.....	\$1 50	\$6 00	\$50 00
7 to 8 in.....	1 75	7 50	65 00
8 to 9 in.....	2 25	10 00	80 00
9 to 10 in.....	2 75	12 50	110 00
10 in. and up.....	3 50	20 00	165 00

## *Lilium longiflorum giganteum* (Cold Storage)

Michell's Special Forcing Brand

True northern-mountain grown. We are now booking orders for shipment throughout 1938. Let us provide your requirements now.

	No. of bulbs per case	No. of bulbs per case
7 to 9 in.....	100	225
7 to 9 in.....	300	100
8 to 9 in.....	250	200
8 to 10 in.....	100	150

Write for prices

## *Lilium philippinense formosanum*

Flowers outdoors in July

This is an ideal Lily for growing under glass or in the garden or nursery. It blooms profusely and its very fragrant flowers resemble an Easter Lily. Color pure white; outside of bloom when first opening is slightly colored with reddish brown which fades as the flower matures.

**Strong, large bulbs, \$1.00 per doz.; per 100, \$7.00; \$60.00 per 1000**

## Lily-of-the-Valley

**Michell's Fancy Giant-flowering.** Cold Storage. We have specialized in Lily-of-the-Valley, and our strains are said to be among the finest. A generous supply of pips has been placed in storage, and these can be shipped immediately or later, as wanted. Packed in the following units: 100, 250, 500, 1000, and 2500. Prices on application.

## Lily-of-the-Valley

**Bundles or clumps.** For outdoor use only. Excellent for landscape work. Bundles contain 12 good-sized pips with fine root-growth, all of which will flower. They are imported from abroad, the best of the crop being selected for us, carefully packed, and can be stored in a cold cellar. These pips should not be compared with native-grown stock, which usually throw an average of 2 or 3 flowers to the clump. Pips are washed clean and packed in peat moss, thus making transportation light. We can make shipment of these as late as May 1. Why not try a few for your trade? 40c. per bundle; 1 doz. bundles, \$4.25; \$33.00 per 100 bundles.

25 bulbs of any one variety at 100 rate; 250 at 1000 rate

## Michell's Profit-Providing Bulbs for Florists



Amaryllis

### Amaryllis (Ready in October) Giant American Hybrids

We believe our famous Giant American Hybrids to be the finest race of Amaryllis in cultivation. The enormous flowers are of fine form, and come in a great diversity of colors. They make fine pot-plants for store sales, and sell on sight when in bloom, at a good price. We offer mixed colors only. \$3.50 per doz.; per 100, \$25.00.

### BEGONIAS, Tuberous-rooted

The Tuberous-rooted Begonias make fine pot-plants for Mother's Day, Decoration Day, or for spring bedding, as they bloom continuously. We furnish 1½ to 2-inch bulbs, or best commercial size.

#### Single Begonias

	Doz.	100	1000		Doz.	100	1000
<b>Crimson</b> ...	\$1 40	\$10 00	\$95 00	<b>Scarlet</b> ...	\$1 40	\$10 00	\$95 00
<b>Orange</b> ....	1 40	10 00	95 00	<b>White</b> ....	1 40	10 00	95 00
<b>Pink and</b>				<b>Yellow</b> ...	1 40	10 00	95 00
<b>Rose</b> ....	1 40	10 00	95 00	<b>Mixed</b> ....	1 40	10 00	95 00
<b>Salmon</b> ...	1 40	10 00	95 00				

#### Double Begonias

	Doz.	100	1000		Doz.	100	1000
<b>Crimson</b> ...	\$1 40	\$10 00	\$95 00	<b>Scarlet</b> ...	\$1 40	\$10 00	\$95 00
<b>Orange</b> ....	1 40	10 00	95 00	<b>White</b> ....	1 40	10 00	95 00
<b>Pink and</b>				<b>Yellow</b> ...	1 40	10 00	95 00
<b>Rose</b> ....	1 40	10 00	95 00	<b>Mixed</b> ....	1 40	10 00	95 00
<b>Salmon</b> ...	1 40	10 00	95 00				



Tuberous Begonias

### Begonia crispa

A beautiful frilled or crested type with very large, single flowers.

	Doz.	100	1000		Doz.	100	1000
<b>Orange</b> ...	\$1 40	\$10 00	\$95 00	<b>Scarlet</b> ...	\$1 40	\$10 00	\$95 00
<b>Pink and</b>				<b>White</b> ....	1 40	10 00	95 00
<b>Rose</b> ....	1 40	10 00	95 00	<b>Yellow</b> ...	1 40	10 00	95 00
<b>Salmon</b> ...	1 40	10 00	95 00	<b>Mixed</b> ....	1 40	10 00	95 00

### Begonia Lloydii • Hanging-Basket Type

For vases, hanging-baskets, porch- or window-boxes, we know of nothing finer than these.

	Doz.	100	1000
<b>Mixed Colors</b> .....	\$1 40	\$10 00	\$95 00

### Fancy-Leaved Caladiums

We list only choice named and newer sorts, including Brazilian types. They cover a wide range of bright colorings and markings too difficult to describe. For summer store decoration or as pot-plants, we know of nothing finer. Start bulbs in damp moss with plenty of bottom heat and an occasional dampening. Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

**Extra-Fancy Highly Colored Named Varieties.** \$1.75 per doz.; per 100, \$12.00; \$110.00 per 1000.

**Mixed Varieties.** An assortment especially blended for us. \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.



Fancy-leaved Caladium

### Caladium esculentum • Elephants-Ear

	Doz.	100
<b>First-size bulbs, 7 to 9-in. circum.</b> .....	\$0 60	\$3 75
<b>Mammoth bulbs, 9 to 11-in. circum.</b> .....	95	6 50
<b>Monster bulbs, 11 to 13-in. circum.</b> .....	2 00	14 50
<b>Jumbo bulbs, 13 to 15-in. circum.</b> .....	3 50	25 00

### CALLAS

These make excellent pot-plants, which always find a ready sale. For outdoor planting in a shady location, they are unexcelled.

#### Calla Elliottiana • Yellow Calla

	Doz.	100	1000
<b>Mammoth bulbs, 2 to 2½-in. diam.</b> .....	\$1 75	\$10 50	\$90 00
<b>Monster bulbs, 2½ to 3-in. diam.</b> .....	2 25	15 00	135 00
<b>Jumbo bulbs, 3 to 3½-in. diam.</b> .....	3 25	22 50	220 00

#### Spotted Calla

Flowers white. Foliage green, spotted white. \$1.75 per doz.; per 100, \$11.00; \$100.00 per 1000.

25 bulbs of any one variety at 100 rate; 250 at 1000 rate

# Michell's Profit-Providing Bulbs for Florists



Tigridia pavonia

## Gloxinias

An ideal pot-plant for Mother's Day, Decoration Day, or for spring bedding, as they always command a good price. We furnish 1½-inch to 2-inch bulbs.

	Doz.	100	1000
<b>Emperor Frederick.</b> Enormous red flowers striped white.....	\$2 25	\$16 00	\$150 00
<b>Emperor William.</b> Purple, striped white....	2 25	16 00	150 00
<b>Purple</b> .....	2 25	16 00	150 00
<b>Rose</b> .....	2 25	16 00	150 00
<b>Tigered and Spotted</b> .....	2 25	16 00	150 00
<b>White</b> .....	2 25	16 00	150 00
<b>Choice Mixed Colors</b> .....	2 25	16 00	150 00

## Hyacinthus • Summer Hyacinth

**Candicans.** White flowers. Very desirable for planting in borders. Large bulbs, 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

## Ismene calathina • Pancratium Lily

Beautiful waxy white flowers, deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000.

## Montbretias, Giant-flowering Varieties

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light loamy soil, well enriched with leaf-mould, but no manure or chemical fertilizer should touch the roots; a little bonemeal and a light top-dressing of lime should prove beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

	Doz.	100
<b>Aurea.</b> Yellow.....	\$0 85	\$6 00
<b>California.</b> Deep yellow.....	85	6 00
<b>Fire King.</b> Fiery red.....	75	5 00
<b>King Edmund.</b> Golden yellow, with brown markings in throat.....	75	5 00
<b>Queen Alexandra.</b> Light golden orange, with crimson bars	1 75	12 00
<b>Queen Charlotte.</b> Orange-scarlet, center shading to primrose, with ruby markings .....	1 35	9 00
<b>Rosea.</b> Bright salmon-rose.....	1 50	10 00
<b>Choice Mixed</b> .....	\$37.50 per 1000..	60 4 25

## Oxalis, Summer-flowering

Excellent for the florist with a retail store. They sell readily. Extra-large bulbs.

	Doz.	100	1000
<b>Deppei.</b> White.....	\$0 15	\$0 75	\$6 50
<b>Lasiandra.</b> Pink.....	15	75	6 50
<b>Shamrock.</b> Pink.....	15	75	6 50

## Tigridia pavonia • Mexican Shell-Flower

An excellent flowering bulb for the garden, known as the Tiger or Shell-Flower. Colors vary from pure white to gold and vivid scarlet—all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep. They require treatment similar to gladiolus.

	Doz.	100	1000
<b>Hybrids, Mixed</b> .....	\$1 25	\$8 50	\$80 00

## Tuberoses

Our bulbs run full size and will bloom. Florists should grow more of these, as they are profitable and of late have been in good demand in early fall.

	Doz.	100	1000
<b>Double Pearl.</b> Double; pure white.			
Full bulbs, 4 to 6-in. circum.....	\$0 45	\$3 00	\$25 00
Mammoth bulbs, 6 to 8-in. circum.....	75	5 50	45 00
<b>Albino or Mexican.</b> Single; white.			
First-size bulbs.....	45	3 00	25 00

## Zephyranthes • Fairy Lily

This is a small-flowering type of dwarf-growing Amaryllis, adapted for pot- and pan-culture. Excellent for garden flowering the entire season.

	Doz.	100	1000
<b>Carinata.</b> Very large and showy pink blooms...	\$0 60	\$4 00	\$35 00
<b>Treatia alba.</b> White.....	45	2 50	20 00
<b>Treatia rosea.</b> Pink.....	50	3 00	25 00



Montbretia

# Michell's Choice Plants for Florists

**Important.**—The stock offered by us is the best obtainable and will satisfy the most critical buyer. However, we cannot guarantee the success of the grower who purchases the stock, but if it proves untrue to name our liability is limited to the invoice value at the time of shipment.

We recommend all shipments to go by Express, except small ones, which can readily go by mail. If shipments arrive in bad condition, accept them and receipt for them accordingly; then enter claim to the transportation company. We will assist you in every possible way.

Any complaints as to quality cannot be entertained, unless made to us within 2 days after receipt of goods.  
*No orders filled for less than 25 plants of any one variety, except where noted*

## Achyranthes

	25	100
<b>Brilliantissima.</b> 2¼-in pots.....	\$1 75	\$6 00

## Agathea

<b>Cœlestis.</b> Blue Daisy. 2¼-in. pots.....	2 50	7 00
---	------	------

## Ageratum

**Henry F. Michell. Novelty.** The dwarfest-growing and largest-flowering Ageratum in existence. Fine as a pot-plant for Mother's and Memorial Days.

	25	100	1000
Routed cuttings.....	\$2 00	\$18 00	\$18 00
2¼-in. pots.....	5 00	45 00	
<b>Beauty.</b> Rich blue. Grows 8 to 10 inches high.			
Routed cuttings.....	2 00	18 00	
<b>Riverside.</b>			
Routed cuttings.....	2 00	18 00	
2¼-in. pots.....	\$2 00	5 00	45 00
<b>Cardinal Mundelein.</b> Routed cuttings.....	2 00	18 00	
2¼-in. pots.....	2 00	5 00	45 00
<b>Fraseri Improved.</b> Routed cuttings.....	2 00	18 00	
2¼-in. pots.....	2 00	5 00	45 00

## Alternanthera

	100	1000
<b>Aurea nana.</b> Routed cuttings.....	\$2 00	\$17 00
<b>Rosea nana.</b> Routed cuttings.....	2 00	17 00
<b>Brilliantissima.</b> Routed cuttings.....	2 00	17 00
Any of above, 2¼-in. pots, \$5.50 per 100; per 1000, \$50.00		

## Asparagus

	25	100	1000
<b>Plumosus nanus.</b> 2¼-in. pots.....	\$1 50	\$5 00	\$45 00
3-in. pots, extra strong.....	3 00	10 00	95 00
<b>Sprengeri.</b> 2¼-in. pots.....	1 50	5 00	45 00
3-in. pots.....	3 00	10 00	95 00

## Azaleas (For growing in 2¼-inch pots)

Delivery of these Azaleas can be made until April 15

	100	1000
<b>Hexe</b> .....	\$11 00	\$100 00
<b>Hinodegiri</b> .....	8 00	75 00
<b>Kurume, Coral Bells</b> .....	11 00	100 00
<b>Kurume, Pink Pearl</b> .....	11 00	100 00
<b>Kurume, Salmon Beauty</b> .....	11 00	100 00
<b>Ledifolia, Snow</b> .....	11 00	100 00

Packing charges on Azaleas at cost

## Begonias (Ready in July)

These indispensable Christmas plants are grown for us by the foremost specialist in that line. Grown from leaf-cuttings.

<b>Marjorie Gibbs.</b> 2¼-in. pots.....	}	Write for prices
<b>Lady Mac.</b> 2¼-in. pots.....		
<b>Melior.</b> 2¼-in. pots.....		

## Begonia, Rex

	25	100
<b>Mixed.</b> Finest varieties. 2¼-in. pots.....	\$3 25	\$12 00

## Miscellaneous Begonias

	25	100	1000
<b>Christmas Cheer.</b> 2-in. pots.....	\$1 75	\$6 00	\$50 00
<b>Darling.</b> Carmine-rose. 2-in. pots.....	1 75	6 00	50 00
<b>Glow.</b> Dark red. 2-in. pots.....	1 75	6 00	50 00
<b>Luminosa.</b> 2-in. pots.....	1 75	6 00	50 00
<b>Pink Chatelaine Supreme.</b> 2-in. pots.....	2 50	7 00	65 00
<b>Primadonna.</b> 2-in. pots.....	1 75	6 00	50 00

## Beloperone guttata • Shrimp Plant

An exceptionally attractive flowering plant that is fine as a pot subject.

	25	100
2¼-in. pots.....	\$2 50	\$9 00
3-in. pots.....	4 25	15 00

## Bouvardia

<b>Giant Pink.</b> 2¼-in. pots.....	4 00	14 00
<b>Humboldt.</b> 2¼-in. pots.....	4 00	14 00



Begonia

## Browallia

<b>Viscosa compacta, Sapphire.</b> New. Extremely floriferous. Dark blue, white eye. Height, 9 to 10 inches. 25	100
Excellent for pot-culture. 2¼-in. pots.....	\$2 00 \$7 00
<b>Speciosa (major).</b> Rich blue. 2¼-in. pots.....	2 00 7 00

## Carnations, Rooted Cuttings

Ready for delivery January and later. Extra-fine, clean, healthy stock.

<b>Delicacy.</b> A charming white, variegated dark pink; 3-inch diameter.....	100	1000
	\$15 00	\$125 00
<b>Eleanor.</b> Light salmon flowers of good quality....	10 00	90 00
<b>King Cardinal.</b> One of the best scarlets.....	12 00	100 00
<b>Luxury.</b> Fine commercial scarlet.....	15 00	125 00
<b>Maytime.</b> Considered one of the finest light pinks. Good keeper.....	15 00	125 00
<b>Puritan.</b> Large; white. A quality variety.....	10 00	90 00
<b>Remembrance.</b> Orchid-shaded flowers, 3 inches in diameter. Good stems and a fine keeper. Free flowering.....	20 00	150 00
<b>Royal Purple.</b> Purple-maroon, with velvety lustre, good size; perfect calyx.....	20 00	150 00
<b>Yellow Gold.</b> Clear golden yellow without markings; strong stems.....	20 00	150 00

	100	1000
<b>Aida.</b> Salmon-pink.....	\$8 00	\$70 00
<b>Antarctic.</b> New. Giant white seedling.....	12 50	100 00
<b>Chief Kokomo.</b> Plant Patent No. 35. Yellow.....	12 00	100 00
<b>Golden Wonder.</b> Variegated yellow.....	8 50	75 00
<b>Improved Matchless.</b> White.....	8 00	70 00
<b>Joan Marie.</b> Plant Patent No. 3. New. White.....	10 00	80 00
<b>Laddie.</b> Beautiful pink.....	12 00	110 00
<b>Light Pink Abundance.</b> Plant Patent No. 56.....	12 00	100 00
<b>Maine Sunshine.</b> Clear yellow.....	9 00	80 00
<b>My Love.</b> Deep pink.....	7 00	60 00
<b>Opal.</b> Plant Patent No. 69. Purple variegated.....	12 00	100 00
<b>Orange Wonder.</b> Orange sport of Golden Wonder.....	10 00	90 00
<b>Paragon.</b> Deep pink. Strong grower.....	15 00	125 00
<b>Patrician.</b> Large white flowers. One of the best shippers.....	6 50	55 00
<b>Peter Fisher.</b> Light pink.....	8 00	70 00
<b>Pink Abundance.</b> Pink.....	6 00	50 00
<b>Pink Treasure.</b> New. Deep rose-pink.....	20 00	150 00
<b>Potentate.</b> Rich crimson-purple.....	7 00	60 00
<b>Scarlet Monarch.</b> .....	8 00	70 00
<b>Spectrum Supreme.</b> Improved spectrum red.....	6 50	55 00
<b>Virginia.</b> Salmon-pink.....	7 00	60 00
<b>White Matchless.</b> .....	6 00	50 00
<b>Woburn.</b> The best crimson.....	8 00	70 00

Write for other varieties not listed



# Our collection of Miniature Garden Plants is unique



Bed of Geraniums

## Chinese Evergreen

One of the most satisfactory plants for indoor growing. 25 100  
2 1/4-in. pots.....\$4 00 \$12 00

## Coleus, Rooted Cuttings

**American Beauty.** Contrasting colors of fire-red, yellow, green, purple, or orange.....\$2 00 1000 \$15 00  
**Beauty of Lyon.** Dark gray and gold..... 2 00 15 00  
**Brilliance.** Bright carmine, shading off to a deep maroon, margined yellow and green..... 3 50 30 00  
**Beckwith's Gem.** Dark maroon, bordered fiery red, edged green..... 2 00 15 00  
**Big Tim.** Wine-colored, yellow and green..... 2 00 15 00  
**Butterfly.** Bright carmine, margined yellow and green.. 2 00 15 00  
**Defiance.** Yellow and red. Very showy..... 2 00 15 00  
**Firebrand.** Bright maroon, flamed vivid scarlet..... 2 00 15 00  
**Golden Bedder.** The favorite yellow..... 2 00 15 00  
**Lord Palmerston.** Purple. Fine for pots..... 2 00 15 00  
**Pink Verschaffelti.**..... 2 00 15 00  
**President Harding Improved.** Green and bronze, red center. Curled foliage. Very bright..... 2 00 15 00  
**Queen Victoria.** Glowing cardinal-red, bright golden border..... 2 00 15 00  
**Salvador.** Soft crimson-maroon, bordered green and gold. 2 00 15 00  
**Verschaffelti.** The standard crimson variety..... 2 00 15 00  
**Trailing Beauty.** Very high color, similar to Salvador.. 2 00 15 00  
**Trailing Queen.** The so-called running variety, with small foliage having yellow and pink center, bordered maroon and green..... 2 00 15 00

Not less than 100 of any variety sold

## Crassula arborescens

We have a fine stock of these. 25 100 1000  
Extra-strong rooted cuttings..... \$4 00 \$30 00  
2 1/4-in. pots.....\$2 25 8 00 70 00  
3-in. pots..... 4 00 15 00

## Cyclamen Seedlings

The growing of Cyclamen is one of our specialties. Seedlings are given plenty of room to develop and are carefully packed, so that when received they are ready for 2 1/4-inch pots. The stock we offer is grown from our Giant Show Strain of seed. In separate colors: **Bright Red, Blood-Red, Glory of Wandsbek, Perle of Zehlendorf, Rose of Marienthal,** and **Salmon-Scarlet.**

All Cyclamen Seedlings, \$6.00 per 100; per 1000, \$55.00. Not less than 100 seedlings sold, nor less than 25 of a color

Shipments of these can be best made by special handling, Parcel Post. Please add 20c. per 100 for postage, plus 15c. for special handling.

## Cyclamen Plants

2 1/4-in. pot-plants (ready March 1).....\$10 00 100 995 00  
3-in. pot-plants (ready June and July)..... 16 00  
4-in. pot-plants (ready August and September)..... 30 00

## Dracaena indivisa

2-in. pots.....\$2 00 100 \$6 00  
3-in. pots..... 3 00 10 00  
4-in. pots..... 6 00 20 00

Write for prices on other varieties of Dracaena

## Euphorbia

**Jacquinaeflora.** One of the finest and most useful plants for midwinter flowering. The lovely orange-scarlet blooms are produced on long, graceful sprays that are adapted for any decoration.

25 100 1000  
2 1/4-in. pots.....\$2 50 \$8 00 \$75 00

**Splendens.** An interesting plant with thick spiny stems and bright red flower bracts at all seasons.

2 1/4-in. pots..... 3 50 12 00

## Ferns

Although usually for delivery from May to July, we have made arrangements to supply stock throughout the year. Extra-fine, clean stock.

**Boston Dwarf Boston** **Teddy, Jr. Roosevelt Scottii** **Verona Whitmanni Compacta**

Above Ferns, 2 1/4-inch pots, per 25, \$2.00; \$7.00 per 100; per 1000, \$60.00

**Bird's-Nest Fern** 25 100  
2-in. pots.....\$6 25 \$20 00  
3-in. pots..... 10 00 35 00  
4-in. pots..... 15 00 50 00

## Table Fern Seedlings

Ready in July-August

**Adiantum cuneatum** **Pteris cretica albo-lineata**  
**Aspidium tsus-simense** **Pteris Mayi**  
**Cyrtomium Rochefordianum** **Pteris Rivertoniana**  
**Cyrtomium nanum compactum** **Pteris serrulata**  
**Pteris adiantoides** **Pteris serrulata cristata**  
**Pteris Alexandrae.** Same as *P. Wimssetti.* **Pteris tremula**  
**Pteris argyrea** **Pteris Victoriae**  
**Pteris Wimssetti multiceps** **Pteris Wilsoni**  
**Pteris Wimssetti** **Pteris Wimssetti**

Any of the above Fern seedlings, \$2.00 per 100; per 1000, \$18.00 Flat, containing approximately 200 plants, \$3.25

We cannot supply less than a full flat of a variety at this price

## Fuchsia

100 1000  
**Black Prince.** Rooted cuttings.....\$3 75 \$35 00  
2 1/4-in. pots..... 6 00 55 00  
**Giant Pink.** Rooted cuttings..... 3 75 35 00  
2 1/4-in. pots..... 6 00 55 00  
**Little Beauty.** Rooted cuttings..... 3 75 35 00  
2 1/4-in. pots..... 6 00 55 00  
**Pride of Orion.** Rooted cuttings..... 3 75 35 00  
2 1/4-in. pots..... 6 00 55 00

## Geranium

One of Our Specialties

Our stock is grown for us by specialists and we personally inspect it, which insures flowering qualities and trueness.

**HARRIET ANN.** A variety of great merit. Vigorous grower, free from disease. Large trusses of cerise flowers with yellowish cast, the upper two petals carrying a white blotch with a yellow sheen. Individual flowers very large. This variety has proved practically rain- and sun-proof. 25 100  
2 1/4-in. pots.....\$5 00 \$18 00

## NEWER AND STANDARD VARIETIES

We take the greatest pains to supply only the best quality of this important stock. Our Geraniums will produce flowers. No order will be executed for less than 25 plants of any one variety. Order early.

**Mitchell's Sensation.** One of our own introductions. Double, brilliant poinsettia-red flowers. Surprisingly free flowering, often producing 6 or 7 flower-heads at one time. 25 100 1000

2 1/4-in. pots.....\$2 00 \$6 00 \$57 50

**Helen Mitchell.** Compact; free-flowering. The old reliable scarlet.....\$2 00 \$6 00 \$57 50

**Alphonse Ricard.** Bright vermilion..... 2 00 6 00 57 50

**Beaute Poitevine.** (Selected Strain.) Light salmon..... 2 00 6 00 57 50

**Mme. Buchner.** Double; white..... 2 00 6 00 57 50

**Mme. Landry.** Pink..... 2 00 6 00 57 50

**Irvington Beauty.** Rose-pink..... 2 00 6 00 57 50

**Radio.** Intense scarlet..... 2 00 6 00 57 50

**S. A. Nutt.** Dark red..... 2 00 6 00 57 50

Quantities of 2000 or more will be billed at \$2.50 per thousand less than price quoted above

## Gardenias

25 100  
**Belmont.** 2 1/4-in. pots.....\$12 50 \$50 00  
**Veitchi.** 4-in. pots..... 12 50 45 00

# Michell's quality plants please particular people

## Gerbera • Transvaal Daisy

**Jamesoni.** We offer these in extra-strong, 2-year divisions in a wonderful assortment of colors ..... 25 100  
\$4.50 per doz...\$8 00 \$27 50

## Heliotrope

**Royal Fragnans.** Rooted cuttings..... 3 00  
2 1/4-in. pots..... 2 00 6 00  
**Sweet Blue.** Rooted cuttings..... 3 00  
2 1/4-in. pots..... 2 00 6 00

## Michell's Hydrangeas

The stock offered below is produced by the foremost specialists

### Lot No. 1

<b>Deutschland.</b> Salmon-pink.	<b>Mrs. Beardse.</b> Salmon-red.
<b>E. Chautard.</b> Pink. Easy forcer.	<b>Marechal Foch.</b> Early. Deep carmine.
<b>E. G. Hill.</b> Pink. Early forcer.	<b>Niedersachsen.</b> Excellent for bluing.
<b>E. Mouillere.</b> White.	<b>Otaksa.</b> The old reliable. Pink.
<b>E. Steinmetz.</b> Excellent pink.	<b>Parsifal.</b> Red, fringed petals.
<b>Gertrude Glahn.</b> Dark rose.	<b>Rheingold.</b> Brilliant pink.
<b>Goliath.</b> A real giant. Deep rose.	<b>Splendens.</b> Glossy clear red.
<b>Helge.</b> Red.	<b>Trophee.</b> Early. Red.
<b>Lorelei.</b> Carmine-red.	

Any of above Lot No. 1 100

Rooted cuttings.....\$5 00  
2-in. pots..... 8 00  
3-in. pots.....12 00

### Lot No. 2

<b>Ami Pasquaar.</b> Best red.	<b>Hollandia.</b> Salmon-red.
<b>Giselherr.</b> Dark carmine-red.	<b>Mein Liebling.</b> Early. Dark pink.
<b>Louis Savage.</b> Excellent dark pink.	<b>Pres. Doumier Bulliat.</b> Pink.
	<b>Wilkomen.</b> Brilliant pink. Early.

Any of above Lot No. 2 100

Rooted cuttings.....\$8 00  
2-in. pots.....12 00  
3-in. pots.....18 00

## Ivy, German or Parlor

Rooted cuttings.....	100	1000
2 1/4-in. pots.....	\$2 00	\$18 00
	4 50	40 00

### IVY, ENGLISH

Rooted cuttings. Strong, well rooted.....	1 75	15 00
2 1/4-in. pots.....	6 00	50 00
<b>Variegated.</b> Rooted cuttings.....	4 00	35 00
2 1/4-in. pots.....	10 00	90 00
<b>Miniature Leaf Ivy.</b> Rooted cuttings.....	2 25	20 00
2-in. pots.....	7 00	65 00
<b>Pittsburgh Self-branching.</b> Rooted cuttings.....	4 00	35 00
2 1/4-in. pots.....	7 00	65 00
4-in. pots.....	25 for \$9.00.	35 00

## Kalanchoe

**Coccinea.** One of the most valuable pot-plants ever introduced.  
25 100  
2 1/4-in. pots.....\$2 25 \$8 00

## Lantana

For Mother's Day sales. Fine 2 1/4-inch stock

	25	100	1000
<b>Alba perfecta.</b> Pure white.....	\$1 75	\$6 00	\$55 00
<b>Bronze.</b> New. Prolific bloomer.....	1 75	6 00	55 00
<b>Comte de Biencourt.</b> Pure pink.....	1 75	6 00	55 00
<b>Craigi.</b> Dwarf; red.....	1 75	6 00	55 00
<b>Delicatissima.</b> Dwarf. Large orange flowers, shading to buff. Good bedder.....	1 75	6 00	55 00
<b>Dwarf Beauty.</b> Yellow center, changing to pink on the outer blooms. Very free flowering.....	1 75	6 00	55 00
<b>Golden Plume.</b> Dwarf. Deep golden color, changing to reddish bronze.....	1 75	6 00	55 00
<b>Golden Queen.</b> .....	1 75	6 00	55 00
<b>Jacob Schultz.</b> The best red.....	1 75	6 00	55 00
<b>M. Schmidt.</b> Red, orange, and yellow.....	1 75	6 00	55 00
<b>Pluie d'Or.</b> Golden yellow.....	2 00	7 00	65 00
<b>Radiation.</b> Semi-dwarf. Brilliant red, center orange-yellow.....	1 75	6 00	55 00
<b>Sensation.</b> Dwarf. Similar to Comte de Biencourt in color, but flowers are larger.....	1 75	6 00	55 00
<b>Southern.</b> Dwarf. Yellow and pink.....	2 00	7 00	65 00
<b>Tethys.</b> A dwarf variety. Lemon-yellow.....	1 75	6 00	55 00
<b>Weeping.</b> Plants of graceful, drooping habit that grow very rapidly, and bloom continually summer and winter, producing large clusters of the most delicate lilac and rose-pink blooms.....	1 75	6 00	55 00

## Libonia floribunda

Of easy culture, blooming from Christmas until Easter and retaining its blooms six to eight weeks. The plants should be kept pinched until early fall, at which time they should be handled similar to a genista, being dried back and kept in a coolhouse to allow the buds to develop. The plants should be finished off in a carnation temperature. Summer care consists of plunging outdoors, or they may be carried over indoors.

	Doz.	25	100
2 1/4-in. pots.....	\$3 00	\$5 00	\$15 00

## Lobelia, Kathleen Mallard

### Double Blue

Rooted cuttings.....	100	1000
2 1/4-in. pots.....	\$3 50	\$32 00
	7 50	70 00

## Palms

**Kentia Belmoreana.** Made-up plants. 4 plants in pot.  
5-in. pots, 20 to 22 inches high.....  
6-in. pots, 28 to 32 inches high.....  
**Kentia Forsteriana.** Made-up plants. 4 plants in tub.  
7-in. tub, 32 to 34 inches high.....  
7-in. tub, 34 to 36 inches high.....  
8-in. tub, 36 to 40 inches high.....  
8-in. tub, 44 to 48 inches high.....  
8-in. tub, 48 to 54 inches high.....

Write for prices

### Phoenix Roebelini.

2-in. pots.....	
3-in. pots.....	

## Pandanus Veitchi

We have an excellent stock of heavy, well-colored plants

	Each	Doz.
4-in. pots.....	\$1 00	\$10 00
6-in. pots.....	1 50	16 50

## Pelargoniums

2-inch pots. No orders filled for less than 25 plants of any variety

### NEW VARIETIES

	25	100	1000
<b>Azalea.</b> Rosy red.....	\$3 25	\$11 00	\$100 00
<b>Chicago Market.</b> Lavender-pink, red blotches on upper petals.....	3 25	11 00	100 00
<b>Diener's Giant.</b> Light salmon-pink with dark brown blotches; very large flowers.....	3 25	11 00	100 00
<b>Faiss Triumph.</b> Light salmon-pink with white throat.....	3 25	11 00	100 00
<b>Grossmama Fischer.</b> Dark salmon, with dark blotches on two upper petals.....	3 25	11 00	100 00
<b>Karminkoenigin.</b> Cerise or carmine-red.....	3 25	11 00	100 00
<b>Marie Vogel.</b> Red, shaded salmon, dark blotches on upper petals.....	3 25	11 00	100 00
<b>Springtime.</b> White and pink; ruffled.....	3 25	11 00	100 00

Pelargoniums continued on next page



Lantana

# The small plants listed here quickly grow into real money

## STANDARD PELARGONIUMS

	25	100	1000
<b>Easter Greeting.</b> Bright red, black blotch. . . .	\$2 75	\$9 00	\$80 00
<b>Edith North.</b> Rose-pink, shaded deeper in upper petals, blotched dark brown. . . . .	2 75	9 00	80 00
<b>Gardener's Joy.</b> Apple-blossom-pink, upper petals brown. . . . .	2 75	9 00	80 00
<b>German Glory.</b> Cattleya-blue; crimson spots. . .	2 75	9 00	80 00
<b>Lavender Queen</b> . . . . .	2 75	9 00	80 00
<b>Lucy Becker.</b> Rosy pink. . . . .	2 75	9 00	80 00
<b>Mrs. Loyal.</b> The pansy Pelargonium. . . . .	2 75	9 00	80 00
<b>Orchid Edith North, New.</b> Foliage like its parent and flowers same size and shape. Dark blotches on two upper petals. Splendid bloomer.	2 75	9 00	80 00
<b>Pride of Quedlinburg.</b> Salmon-pink. . . . .	2 75	9 00	80 00
<b>Swabian Maid.</b> Brilliant salmon. . . . .	2 75	9 00	80 00
<b>The Princess.</b> One of the best new introductions. Lavender-pink. . . . .	2 75	9 00	80 00
<b>Wurtembergia.</b> Deep red. . . . .	2 75	9 00	80 00

Rooted cuttings of Standard Varieties, \$7.00 per 100; per 1000, \$65.00; of New Varieties, \$9.00 per 100; per 1000, \$85.00

## Peperomia

	25	100
<b>Obtusifolia.</b> 2¼-in. pots. . . . .	\$2 50	\$9 00
<b>Sandersi.</b> 2¼-in. pots. . . . .	3 50	12 00
3-in. pots. . . . .	7 00	25 00

## Petunia, Rooted Cuttings

	100	1000
<b>Double Fringed, Mixed</b> . . . . .	\$3 00	\$27 50
<b>Double Fringed, White</b> . . . . .	3 00	27 50
<b>Double World Beauty.</b> Pink. . . . .	3 00	27 50

## Philodendron

	25	100
<b>Cordatum.</b> 2¼-in. pots. . . . .	\$3 00	\$10 00

## Poinsettia Stock Plants

Delivery in April f.o.b. Philadelphia, New York, Pittsburgh, Chicago

	25	100
<b>Mrs. Paul Ecke and White Variety</b>		
Light grade. . . . .	\$4 50	\$15 00
Medium grade. . . . .	7 00	25 00
Heavy grade. . . . .	10 00	35 00
Extra-heavy grade. . . . .	14 00	50 00
<b>Oak-Leaf, Henrietta Ecke (double), Hollywood, Pink, St. Louis, True Red, Barbara Ecke</b>		
Light grade. . . . .	4 50	15 00
Medium grade. . . . .	7 00	25 00
Heavy grade. . . . .	10 00	35 00
Extra-heavy grade. . . . .	12 50	45 00
Over-sized plants. . . . .	14 00	50 00
<b>Ruth Ecke. New.</b>		
Light grade. . . . .	8 50	30 00
Medium grade. . . . .	14 00	50 00
Heavy grade. . . . .	20 00	75 00
Jumbo plants, 3 lbs. and over, \$12.00 per doz.		

**SPECIAL NOTE.**—Freight will be prepaid to Philadelphia, Chicago, Pittsburgh, or New York on all orders of Poinsettia stock plants placed before March 1, 1938, after which time the above prices are f.o.b. grower, California.

## Pothos aureus

Excellent foliage plants for baskets and boxes. Foliage is golden, mottled green.

	25	100
2¼-in. pots. . . . .	\$3 00	\$11 00
3-in. pots. . . . .	5 00	18 00

## Saintpaulia • African Violet

We offer these desirable pot-plants in extra-fine quality.

	25	100
<b>Ionantha.</b> Blue. <b>Blue Boy.</b> Violet-blue.		
2¼-in. pots. . . . .	\$4 50	\$15 00
3-in. pots. . . . .	7 00	25 00

## Sansevieria zeylanica, Rosette Type

	100	1000
2¼-in. plants. . . . .	\$8 50	\$75 00

## Stevia

	25	100	1000
<b>True Half-Dwarf.</b> 2¼-in. . . . .	\$1 75	\$6 00	\$50 00
Rooted cuttings. . . . .	2 00	17 50	

## Verbena, Rooted Cuttings

	100	1000
<b>Cerise Beauty of Oxford</b> . . . . .	\$2 50	\$20 00
<b>Gigantea alba.</b> White. . . . .	2 50	20 00
<b>Grandiflora, Royal.</b> Rich deep blue, creamy yellow eye. . . . .	2 50	20 00
<b>Helen Willmott, Improved.</b> Salmon . . . . .	2 50	20 00
<b>Lavender Oxford</b> . . . . .	2 50	20 00
<b>Mayflower. True Stock.</b> Light pink . . . . .	2 50	20 00
<b>Pink Beauty of Oxford</b> . . . . .	2 50	20 00
<b>Purple Prince.</b> Solid, deep purple. . . . .	2 50	20 00
<b>Scarlet King. New</b> . . . . .	2 50	20 00
<b>Scarlet Oxford</b> . . . . .	2 50	20 00
<b>Schlosser's Pride.</b> Dark red. . . . .	2 50	20 00

Any of the above varieties, 2¼-in. pots, \$1.75 for 25; per 100, \$6.00; \$55.00 per 1000

## Vinca variegata

	25	100	1000
Rooted cuttings. . . . .		\$2 00	\$15 00
2¼-in. pots. . . . .	\$1 75	6 00	50 00
3-in. pots. . . . .	3 00	10 00	90 00

## Vitis • Grape Ivy

	25	100
<b>Rhombifolia.</b> Evergreen vine; graceful trifoliate leaves.		
2-in. pots. . . . .	\$3 50	\$12 00
4-in. pots. . . . .	10 00	35 00

## Plants for Miniature Gardens

2¼-inch pots in the finest assortments, consisting of Crassula, Echeverias, Kalanchoes, Brynesia, Sedums, etc.

**Collection of the better varieties, \$9.00 per 100 (10 varieties, 10 each).**

**Rooted Cuttings of the above, \$6.00 per 100 (10 varieties, 10 each).**

## Plant Specialties

Calceolarias, Cinerarias, Primulas, etc., in the better varieties. Supplied in season. Let us quote on your requirements.

## HORMODIN (The Root-Forming Chemical)

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them in the bench. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size, \$1.00; \$2.00 per 60-unit size; 240-unit size, \$7.00; \$13.00 per 480-unit size; 960-unit size, \$24.00.

## Shrubs

**BUDDLEIA, CHARMING.** Lavender-pink trusses throughout the entire summer. Strong grower. Attains a height of 4 to 6 feet and about the same in diameter. \$4.00 per doz.; per 100, \$30.00. 25 at the 100 rate.

**BUDDLEIA, Fortune.** Pure lilac with a brilliant orange eye. Sprays from 12 to 18 inches long. Flowers the entire summer. Foliage dark green. Attains a height of 4 to 4½ feet and about the same in diameter. \$3.50 per doz.; per 100, \$25.00. 25 at the 100 rate.

## Buddleia Hartwegi

Bright lavender blooms that do not sunburn. The tip flowers on the panicles open before the basal ones have faded. Heavy, deep green foliage. Very hardy. \$2.50 per doz.; per 25, \$4.50; \$15.00 per 100

## Buddleia, Ile de France

A great improvement over the old variety. Flowers more brilliant violet-purple color. The plants grow symmetrical, 3 to 4 feet high. Flowers very fragrant. 2¼-in. stock. \$2.50 per doz.; per 100, \$15.00

## Berberis mentorensis

	12	100
12 to 15 in. . . . .	\$2 50	\$18 00
18 to 24 in. . . . .	3 50	25 00
24 to 30 in. . . . .	4 50	35 00

# Michell's Hardy Perennial Plants

FOR ROCK-GARDENS, LANDSCAPING, CUT-FLOWERS, AND HOME-GARDENS

All Perennials Offered on the Following Pages Are Field-Grown Plants, Except Where Noted.  
Use Perennials for Summer Cutting, for Forcing in the Winter, and for Landscaping and Rockeries.

## OUTSTANDING NOVELTIES

<b>AQUILEGIA, Crimson Star.</b> The most striking crimson, with white corolla.....	10	100
	\$2 25	\$15 00
<b>ARMERIA formosa Hybrids.</b> A wonderful range of colors on extra-fine stems. Good for cutting.....	2 25	15 00
<b>Bees' Ruby.</b> Bright red flowers, about 2 inches in diameter. June flowering. Stems 18 to 20 inches long.	2 25	15 00
<b>Glory of Holland.</b> Clear pink color. Same characteristics as Bees' Ruby.....	2 25	15 00
<b>ASTER, Constance.</b> Clear light pink. Grows 12 to 15 inches high.....	1 75	12 00
<b>Lavanda.</b> Attractive light blue. Grows 15 to 18 inches high.....	1 75	12 00
<b>Lilac-Time.</b> Deep violet-blue. Plants 15 inches high.	1 75	12 00
<b>Niobe.</b> Graceful, pure white blooms with yellow centers. Dwarf.....	1 75	12 00
<b>Snowdrift.</b> Midseason. Large; snow-white. Dwarf..	1 75	12 00
<b>Star of Wartburg.</b> Flowers in May and June. Large; lilac, orange center.....	2 50	16 00
<b>DIANTHUS, Loveliness.</b> Color heavenly mauve; flower petals deeply lacinated.....	1 50	11 00
<b>Rose Cushion.</b> Border plant; can also be used as a pot-plant.....	1 50	11 00
<b>GYPSOPHILA repens Bodgeri.</b> Plants 12 to 14 inches high produce Bristol-Fairy-like flowers throughout the entire summer. Good for cutting. 2-in. pots...	2 25	15 00
Field-grown.....	3 25	22 50
<b>PAPAVER ORIENTALE, Delicata.</b> Purplish vinaceous or old-rose-pink.....	4 00	30 00
<b>Hercules.</b> Immense flowers of true scarlet.....	3 00	22 50
<b>Salmon King.</b> Peach-red or salmon color.....	3 00	22 50
<b>Spotless.</b> Beautiful soft pink.....	3 00	22 50

### New Early Hybrid Korean Chrysanthemums

<b>Clio.</b> Deep carmine-rose. Duplex flowering. Dwarf; compact.
<b>Fortuna.</b> Ox-blood, curly-petaled flowers, 3 to 4 inches in diameter. Medium height.
<b>Hestia.</b> Delicate rose-pink, semi-double flower with white halo.

**New Early Hybrid Korean Chrysanthemums, continued**  
**Jun.** Single coppery red, fading to salmon-rose. Very dwarf.  
**Niobe.** Clear glistening white with yellow disc. Dwarf grower.  
**Psyche.** Clear shell-pink, single flowers 4 to 5 inches in diameter.  
**Thalia.** Orange shade; duplex flowers. Compact, dwarf grower.  
**Vesta.** Deep golden orange; almost a duplex.

Price, 2-inch pot-plants, \$2.50 per 10; per 100, \$18.00

### Hardy Chrysanthemum, Pink Cushion

A Real Gem for the Rock-Garden or Border

One of the most admired Chrysanthemums. It is a solid, compact grower, flowering from October 1 until frost. Color a beautiful shade of pink. Due to its color and its compact growth we believe at this time there is no other variety as effective in rock-garden, landscape or border planting.

Price, 2-inch pot-plants, ready in April, \$1.25 per 10; per 100, \$8.00

### The Famous New Korean Hybrid Chrysanthemums

**Apollo.** Superb autumn color—a sparkling combination of bronze, red, and gold, suffused with glowing salmon. The flowers are 2 inches across and are produced in immense sprays.  
**Ceres.** A lovely combination of old-gold, chamois-yellow, and soft coppery bronze. The mature flower petals appear to have been dusted with gold.  
**Daphne.** New shade of pink to the Chrysanthemum—an exquisite blending of daphne-pink with an underlying sheen of lilac-rose, with golden stamens. Flowers 3½ inches across.  
**Diana.** Chatenay rose-pink, mingled with lilac-rose to soft salmon, the tones of which vary with the degree of light.  
**Mars.** Fine for those who prefer depth and brilliancy of color in the garden. Deep amaranth-red, changing to wine-red, overlaid with a velvety sheen.  
**Mercury.** The nicely formed, 3-inch flowers open bronze-red and change to coppery bronze as they mature. The sprays when cut keep exceptionally well.

Price, 2-inch pot-plants, ready in April, \$1.50 per 10; per 100, \$10.00

## GENERAL LIST OF MICHELL'S HARDY PERENNIAL PLANTS

<b>ACHILLEA, Boule de Neige.</b> Double; white.....	10	100
	\$1 25	\$10 00
<b>Filipendulina.</b> Bright yellow.....	1 25	10 00
<b>Millefolium, Cerise Queen.</b> Cherry-red.....	1 25	10 00
<b>Millefolium roseum.</b> Pink.....	1 25	10 00
<b>AJUGA reptans alba.</b> White.....	1 50	12 00
<b>Reptans rubra.</b> Purplish blue.....	1 50	12 00
<b>ALYSSUM rostratum.</b> Pale yellow.....	1 25	10 00
<b>Saxatile compactum.</b> Golden yellow.....	1 25	10 00
<b>ANCHUSA italica, Dropmore.</b> Blue.....	1 25	10 00
<b>Myosotidiflora.</b> Blue.....	1 50	12 00
<b>Anemone japonica</b>		
<b>Alba.</b> White.....	1 50	12 00
<b>Alice.</b> Rose-pink.....	1 50	12 00
<b>Hupehensis.</b> Mauve-rose.....	1 50	12 00
<b>Queen Charlotte.</b> La-France-pink.....	1 50	12 00
<b>September Charm.</b> Silvery rose.....	1 50	12 00
<b>Whirlwind.</b> White.....	1 50	12 00
<b>Pulsatilla.</b> Violet-purple.....	1 50	12 00
<b>Sylvestris.</b> White.....	1 50	12 00
<b>ANTHEMIS tinctoria, New Hybrids.</b> .....	1 50	12 00
<b>AQUILEGIA alpina.</b> Dark blue.....	1 25	10 00
<b>Canadensis.</b> Red and yellow.....	1 25	10 00
<b>Chrysantha.</b> Golden yellow.....	1 25	10 00
<b>Dobbie's Imperial Hybrids.</b> New strain.....	1 50	12 00

<b>Aquilegia, Mrs. Scott Elliott's Hybrids.</b> Mixed.....	10	100
	\$1 50	\$12 00
<b>Nivea grandiflora.</b> Pure white.....	1 25	10 00
<b>Long-spurred Hybrids.</b> Mixed.....	1 25	10 00
<b>ARABIS alpina.</b> Pure white.....	1 25	10 00
<b>Alpina fl.-pl.</b> Double; white.....	1 50	12 00
<b>Alpina rosea.</b> Pale pink.....	1 50	12 00
<b>ARMERIA cephalotes rubra.</b> Deep pink.....	1 50	12 00
<b>Lauchena rosea.</b> Bright rose.....	1 25	10 00
<b>Maritima alba.</b> White.....	1 25	10 00
<b>ARTEMISIA globifolia.</b> Silver foliage.....	1 50	12 00
<b>Lactiflora.</b> Creamy white.....	1 25	10 00
<b>Silver King.</b> Silver stems and foliage.....	1 25	10 00
<b>Silver Queen.</b> Silver foliage.....	1 25	10 00
<b>ASCLEPIAS tuberosa.</b> Orange-scarlet.....	1 25	10 00

### Asters

#### SPRING-FLOWERING VARIETIES

<b>Alpinus albus.</b> Dwarf. White.....	1 50	12 00
<b>Alpinus, Blue.</b> Light blue.....	1 50	12 00
<b>Alpinus, Goliath.</b> Bluish purple.....	1 50	12 00

#### SUMMER-FLOWERING VARIETIES

<b>Amellus, Beauty of Ronsdorf.</b> Rosy lilac.....	1 50	12 00
<b>Amellus elegans.</b> Bluish violet.....	1 50	12 00
<b>Amellus, King George.</b> Bluish violet.....	2 00	17 50
<b>Frikarti.</b> Clear azure-blue.....	3 00	25 00

Asters continued on next page

All plants travel at buyer's risk. No plants sent C. O. D.

# Aster-lovers can have all-season bloom from our list

## Asters, continued

### FALL-FLOWERING VARIETIES

	10	100
<b>Barr's Pink.</b> Bright pink.....	\$1 50	\$10 00
<b>Blue Gem.</b> Rich blue.....	1 50	10 00
<b>Highland Morn.</b> Light blue.....	1 50	10 00
<b>Mrs. Raynor.</b> Deep red.....	1 50	10 00
<b>Novæ-angliæ.</b> Purple-violet.....	1 50	10 00
<b>Novæ-angliæ roseum superbum.</b> Red.....	1 50	10 00
<b>Queen Mary.</b> Dark sky-blue.....	1 50	10 00
<b>Sam Banham.</b> Pure white.....	1 50	10 00
<b>Sunset.</b> Pink.....	1 50	10 00

### NEW DWARF VARIETIES

<b>Countess of Dudley.</b> Clear pink.....	2 00	17 50
<b>Lady Henry Maddocks.</b> Clear pink.....	2 00	17 50
<b>Marjorie.</b> Bright pink.....	2 00	17 50
<b>Snowsprite.</b> Semi-double; white.....	2 00	17 50
<b>Victor.</b> Clear lavender-blue.....	2 00	17 50

<b>ASTILBE, America.</b> Lilac-pink.....	3 00	25 00
<b>Amethyst.</b> Deep violet-purple.....	3 00	25 00
<b>Betsy Cuperus.</b> White.....	3 00	25 00
<b>Newport Pink.</b> .....	3 00	25 00
<b>Queen Alexandra.</b> Bright pink.....	3 00	25 00

<b>BAPTISIA australis.</b> Dark blue flowers.....	1 25	10 00
<b>BOLTONIA asteroides.</b> White.....	1 25	10 00
<b>Latisquama.</b> Lavender-pink.....	1 25	10 00

<b>CAMPANULA Medium calycanthema, Blue.</b> .....	1 25	10 00
<b>Medium calycanthema, Pink.</b> .....	1 25	10 00
<b>Medium calycanthema, White.</b> .....	1 25	10 00
<b>Carpatica.</b> Blue.....	1 50	12 00
<b>Carpatica alba.</b> White.....	1 50	12 00
<b>Media, Blue.</b> .....	1 25	10 00
<b>Media, Pink.</b> .....	1 25	10 00
<b>Media, White.</b> .....	1 25	10 00
<b>Persicifolia, Blue.</b> .....	1 50	12 00
<b>Persicifolia alba.</b> White.....	1 50	12 00
<b>Pyramidalis, Blue.</b> .....	1 50	12 00
<b>Pyramidalis alba.</b> White.....	1 50	12 00

<b>CARNATION, Early Dwarf Vienna, Crimson.</b> .....	1 25	11 00
<b>Early Dwarf Vienna, Rose.</b> .....	1 25	11 00
<b>Early Dwarf Vienna, White.</b> .....	1 25	11 00
<b>Grenadin Pink.</b> .....	1 25	10 00
<b>Grenadin Red.</b> .....	1 25	10 00
<b>Grenadin White.</b> .....	1 25	10 00

<b>CARYOPTERIS mastacanthus.</b> Blue.....	2 00	15 00
<b>CENTAUREA dealbata.</b> Rose-pink.....	1 25	10 00
<b>Macrocephala.</b> Golden yellow.....	1 50	12 00
<b>Montana.</b> Violet-blue.....	1 25	10 00
<b>Montana alba.</b> White.....	1 25	10 00

<b>CERASTIUM tomentosum.</b> White.....	1 25	10 00
<b>CHEIRANTHUS Allioni.</b> Fiery orange.....	1 25	10 00

## Chrysanthemums

<b>A. Barham.</b> Beautiful orange-bronze; large.....	1 25	7 00
<b>Aladdin.</b> Perpetual flowering, commencing in late July. Coppery bronze color.....	1 25	7 00
<b>Barbara Cumming.</b> Large, clear yellow flowers, shading to orange-bronze.....	1 25	7 00
<b>Beatrice.</b> Flowers cerise-red, very double, 1½ to 2 inches in diameter.....	1 25	7 00
<b>Brilliancy.</b> Bright red; single. Early.....	1 50	9 00
<b>Crimson Glory.</b> Bright crimson; 2½ inches diameter. Pompon type. Early.....	1 50	9 00
<b>Dazzler.</b> Cardinal-red; single. Early flowering.....	1 25	7 00
<b>Distinction.</b> Bronze, tips of flowers yellow. Pompon type.....	1 50	9 00
<b>Early Bronze.</b> Bronze-yellow. Blooms very freely.....	1 25	7 00
<b>Fern Ridge.</b> Fiery red with orange center; single. Early.....	1 25	7 00
<b>Granny Scovill.</b> Large coral-bronze flower, 4½ inches in diameter. Dwarf grower.....	1 50	9 00
<b>Gypsy Girl.</b> Single; crimson shading to chestnut.....	1 25	7 00
<b>Grenadier.</b> Single; crimson-red underlying a sheen of bronze. Early flowering.....	1 25	7 00
<b>Idolph.</b> Rose-pink, double flower. Blooms profusely.....	1 25	7 00
<b>Jean Treadway.</b> Bright pink, double flowers, 3 inches in diameter, with dark rose-pink centers.....	1 50	9 00
<b>Jewell.</b> Pompon type. Bright pink.....	1 50	9 00
<b>Modesty.</b> Single, large lilac-rose flowers. Early.....	1 50	9 00

## Chrysanthemums, continued

<b>Mrs. H. E. Kidder.</b> Early, bright yellow; large-flowering type.....	10	100
	\$1 50	\$9 00
<b>Murello.</b> One of the popular pinks. Early.....	1 25	7 00
<b>Persia.</b> Semi-double blooms of rosy carmine. Dwarf grower.....	1 50	9 00
<b>Rapture.</b> Double, deep orange flowers with lively suffusion of bright carmine.....	1 50	9 00
<b>Ruth Cumming.</b> Bronze and terra-cotta. Fine outdoor variety.....	1 25	7 00
<b>Ruth M. Hatton.</b> Pompon type. Bright canary-yellow flowers. Early.....	1 25	7 00
<b>Snowdrift.</b> Aster type. Dwarf grower. Height 18 to 20 inches.....	1 50	9 00
<b>Sunkist.</b> Bright orange. Free flowering. Early.....	1 50	9 00
<b>Vivid.</b> Rosy carmine. Early.....	1 25	7 00
<b>Winnetka.</b> Pure white. Early.....	1 25	7 00
<b>Yellow Gem.</b> Canary-yellow. Good for cutting.....	1 25	7 00

## Chrysanthemum maximum · Shasta Daisy

<b>Alaska.</b> Pure white.....	1 25	10 00
<b>Arcticum.</b> White, tinged rose.....	1 25	10 00
<b>Coreanum.</b> White, golden center.....	1 25	10 00
<b>Double White Swan.</b> Solid; double; pure white.....	2 50	15 00
<b>Elder Daisy.</b> Very early. White.....	1 25	10 00

<b>CIMICIFUGA racemosa.</b> Pure white.....	1 25	10 00
<b>COREOPSIS lanceolata grandiflora.</b> Yellow.....	1 25	10 00
<b>Verticillata.</b> Yellow, dark disc.....	1 25	10 00
<b>DELPHINIUM, Belladonna.</b> Turquoise-blue.....	1 25	10 00
<b>Belladonna Improved.</b> .....	1 50	12 00
<b>Bellamosum.</b> Dark blue.....	1 25	10 00
<b>Blackmore &amp; Langdon Prize Hybrids.</b> .....	2 00	17 50
<b>Chinensis, Blue.</b> .....	1 25	10 00
<b>Chinensis alba.</b> White.....	1 25	10 00
<b>Iceberg.</b> White.....	2 50	20 00
<b>Wrexham Hollyhock Strain.</b> .....	2 00	17 50

## Dianthus

<b>Allwoodi, Jean.</b> Pure white.....	1 50	12 00
<b>Allwoodi, Mary.</b> Pale rose-pink.....	1 50	12 00
<b>Allwoodi, Robert.</b> Old-rose, maroon center.....	1 50	12 00
<b>Her Majesty.</b> Pure white.....	1 50	12 00
<b>Margaret Martin, New.</b> Rich mahogany; sweet-scented.....	1 50	12 00
<b>Miss Gladys Cranfield.</b> Lovely single pink; very fragrant.....	1 50	12 00
<b>Atrococcineus fl.-pl.</b> Scarlet.....	1 00	9 00
<b>Prince Bismarck.</b> Brilliant carmine.....	1 50	12 00
<b>Barbatus, White Beauty.</b> .....	1 25	10 00
<b>Barbatus, Scarlet Beauty.</b> .....	1 25	10 00

## Sweet-scented Grass Pinks

Excellent for cutting

<b>Plumarius fl.-pl.</b> Double. Mixed.....	1 25	10 00
<b>Bristol Purity.</b> Pure white; fragrant.....	1 50	12 00
<b>Ipswich Crimson.</b> Deep crimson.....	1 25	10 00
<b>Scarlet Beauty.</b> .....	1 25	10 00

<b>DICTAMNUS Fraxinella rubra.</b> Red.....	1 25	12 00
<b>Fraxinella alba.</b> White.....	1 25	12 00

<b>DIELYTRA eximia.</b> Light pink flowers throughout the season. Dwarf. 15 in.....	1 50	12 00
<b>Spectabilis.</b> Bleeding-Heart. Heart-shaped red flowers.....	2 50	20 00

<b>DIGITALIS, Giant Shirley Hybrids.</b> .....	1 25	10 00
<b>Purpurea gloxiniaeflora.</b> Purple spotted.....	1 25	10 00
<b>Purpurea gloxiniaeflora alba.</b> White.....	1 25	10 00
<b>Purpurea gloxiniaeflora rosea.</b> .....	1 25	10 00

<b>DORNICUM excelsum.</b> Yellow.....	1 50	12 00
<b>ERIGERON, Mrs. E. H. Beale.</b> Blue.....	1 50	12 00
<b>Pink Pearl.</b> Rosy pink.....	1 50	12 00
<b>Speciosus grandiflorus.</b> Rosy lilac.....	1 25	10 00

<b>EUPATORIUM ageratoides.</b> White.....	1 25	10 00
<b>Coelestinum.</b> Lavender-blue.....	1 25	10 00
<b>Purpureum.</b> Reddish purple.....	1 25	10 00

## Hardy Ferns

<b>Adiantum pedatum.</b> Maidenhair Fern.....	1 50	12 00
<b>Aspidium spinulosum.</b> Wood Fern.....	1 50	12 00
<b>Asplenium Filix-femina.</b> Lady Fern.....	1 50	12 00
<b>Dicksonia punctilobula.</b> Hay-scented Fern.....	1 50	12 00
<b>Oncoclea sensibilis.</b> Sensitive Fern.....	1 50	12 00
<b>Osmunda Cinnamomea.</b> Cinnamon Fern.....	1 50	12 00
<b>Osmunda regalis.</b> Royal Fern.....	1 50	12 00

Japanese Iris are becoming very popular. Recommend them

	10	100
<b>FUNKIA lanceolata.</b> Lilac.....	\$1 25	\$10 00
<b>Undulata variegata picta.</b> Variegated.....	1 25	10 00
<b>Subcordata grandiflora.</b> White.....	2 50	15 00
<b>GENTIANA Andrewsii.</b> Purple.....	1 50	12 00
<b>Andrewsi alba.</b> White.....	1 50	12 00
<b>GERANIUM sanguineum.</b> Purple-red.....	1 50	12 00
<b>GEUM coccineum, Mrs. Bradshaw.</b> Fiery red.....	1 25	10 00
<b>Coccineum fl.-pl.</b> Scarlet.....	1 25	10 00
<b>Lady Stratheden.</b> Golden yellow.....	1 25	10 00

Grasses, Ornamental

<b>Elymus glaucus.</b> Blue Lime Grass.....	2 50	15 00
<b>Eulalia gracillima univittata</b> .....	1 50	12 00
<b>Eulalia japonica variegata</b> .....	1 50	12 00
<b>Eulalia japonica zebrina</b> .....	1 50	12 00
<b>GYPSOPHILA acutifolia.</b> Lilac-rose.....	1 25	10 00
<b>Bristol Fairy.</b> Double; white.		
3-inch stock.....	2 00	15 00
Field-grown.....	3 50	22 00
<b>Paniculata.</b> White. Field-grown.....	1 25	10 00
<b>Paniculata fl.-pl.</b> Double; white. 2¼-inch.....	2 00	15 00
Field-grown.....	3 50	25 00
<b>Repens.</b> White and pink.....	1 25	10 00
<b>HELENIUM autumnale rubrum.</b> Brown-red.....	1 50	12 00
<b>Golden Beauty.</b> Golden yellow.....	2 00	15 00
<b>Hoopesi.</b> Yellow.....	1 50	12 00
<b>Riverton Gem.</b> Old-gold.....	1 50	12 00
<b>HELIOPSIS, Double Lemoine Strain.</b> Golden orange.....	1 50	10 00
<b>Pitcheriana.</b> Deep yellow.....	1 50	10 00
<b>Scabra zinniaeflora.</b> Semi-double; golden yellow.....	1 50	10 00
<b>HEMEROCALLIS, Apricot.</b> Deep orange.....	1 25	10 00
<b>Aurantiaca.</b> Orange.....	1 25	10 00
<b>Flora.</b> Yellow.....	1 25	10 00
<b>Dr. Regel.</b> Orange-yellow.....	1 25	10 00
<b>Kwanso fl.-pl.</b> Double; golden bronze.....	1 50	12 00
<b>Middendorffi.</b> Orange-yellow.....	1 25	10 00

Hemerocallis Hybrids

Bloom in July and August

<b>Anna Betscher.</b> Golden yellow.....	4 25	
<b>D. D. Wyman.</b> Golden yellow.....	4 25	
<b>Goldeni.</b> Golden orange.....	4 25	
<b>Gypsy.</b> Brilliant deep orange.....	4 25	
<b>J. A. Crawford.</b> Apricot and cadmium-yellow.....	4 25	
<b>Mrs. W. H. Wyman.</b> Clear yellow.....	4 25	
<b>HEUCHERA alba.</b> Pure white.....	1 50	12 00
<b>Brizoides.</b> Pale pink.....	2 00	15 00
<b>Pluie de Feu.</b> Bright red.....	2 00	15 00
<b>Rosmondi.</b> Coral-pink.....	1 50	12 00
<b>Sanguinea splendens.</b> Scarlet-crimson.....	1 50	12 00
<b>HIBISCUS, Crimson Eye.</b> White, crimson throat.....	1 25	10 00
<b>Mallow Marvels.</b> Mixed.....	1 25	10 00
<b>Pink</b> .....	1 25	10 00
<b>Red</b> .....	1 25	10 00
<b>Moscheutos roseus.</b> Bright pink.....	1 25	10 00
<b>HOLLYHOCK, Double Maroon</b> .....	1 25	10 00
<b>Double Newport Pink</b> .....	1 25	10 00
<b>Double Red</b> .....	1 25	10 00
<b>Double White</b> .....	1 25	10 00
<b>Double Yellow</b> .....	1 25	10 00
<b>Double Mixed</b> .....	1 25	10 00
<b>Allegheny, Mixed</b> .....	1 25	10 00
<b>IBERIS gibraltarica.</b> Evergreen foliage.....	1 25	11 00
<b>Sempervirens.</b> White.....	1 25	11 00

Iris germanica • German Iris

<b>Ambassadeur.</b> Reddish violet standards; falls deep yellow.....	1 25	9 00
<b>Candelabra.</b> Light mauve, blotched with violet.....	1 25	9 00
<b>Caprice.</b> Purple, heavily veined.....	1 25	9 00
<b>Eldorado.</b> Fiery opalescent.....	1 25	9 00
<b>Gold Imperial.</b> Yellow, self-colored.....	1 25	9 00
<b>Lent A. Williamson.</b> Violet and royal purple.....	1 25	9 00
<b>Lohengrin.</b> Rich silvery lilac.....	1 25	9 00
<b>Lord of June.</b> Blue, marked gold.....	1 25	9 00
<b>Loreley.</b> Marine-blue, bordered yellow.....	1 25	9 00
<b>Mme. Chobaut.</b> Cream, shaded buff and pink.....	1 25	9 00

Iris germanica, continued

	10	100
<b>Quaker Lady.</b> Lavender, shaded yellow.....	\$1 25	\$9 00
<b>Queen Caterina.</b> Lavender-violet, orange beard.....	1 25	9 00
<b>Shekinah.</b> Pale yellow, lemon-colored beard.....	1 25	9 00
<b>W. J. Fryer.</b> Bright yellow; falls maroon.....	1 25	9 00

Iris Kaempferi • Japan Iris

<b>Astarte.</b> Double; dark violet.....	2 50	15 00
<b>Eumee.</b> Single; dark violet.....	2 50	15 00
<b>Gekka-no-nami.</b> White. Very early.....	2 50	15 00
<b>Gold Bound.</b> Fine double; pure white.....	2 50	15 00
<b>Hercules.</b> Double; clear lilac.....	2 50	15 00
<b>Koko-no-iro.</b> Purple and gold.....	2 50	15 00
<b>Mahogany.</b> Purplish mahogany-red.....	2 50	15 00
<b>Patrocle.</b> Single; dark violet.....	2 50	15 00
<b>Proserpine.</b> Single; rich blue on white.....	2 50	15 00
<b>Reine des Bulgares.</b> Deep blue, white veins.....	2 50	15 00
<b>Rose Anna.</b> Double; ivory-white, ruby veins.....	2 50	15 00

Iris pumila

<b>Butterfly.</b> Pale yellow.....	1 50	11 00
<b>Cyanea.</b> Bright blue.....	1 50	11 00
<b>Floribunda.</b> Deep blue.....	1 50	11 00
<b>La Fiancee.</b> White.....	1 50	11 00

Iris sibirica

<b>Mrs. Perry.</b> Lavender.....	1 25	10 00
<b>Mrs. Sanders.</b> Dark violet-purple.....	1 25	10 00
<b>Peter Pan.</b> Light blue.....	1 25	10 00
<b>Snow Queen.</b> Snow-white.....	1 25	10 00

Iris Species

<b>Arenaria.</b> Yellow. Height, 4 inches.....	1 50	12 00
<b>Cristata.</b> Pale lilac. Height, 4 to 6 inches.....	1 50	12 00
<b>Verna.</b> Blue, marked yellow. Height, 4 to 6 inches.....	1 50	12 00

<b>LATHYRUS latifolius, White Pearl</b> .....	1 25	10 00
<b>Latifolius, Pink Pearl</b> .....	1 25	10 00
<b>Latifolius, Red</b> .....	1 25	10 00

<b>LAVANDULA vera.</b> Blue.....	1 25	10 00
----------------------------------	------	-------

<b>LIATRIS pycnostachya.</b> Purple.....	1 50	12 00
<b>Scariosa. Early Type.</b> Purple.....	1 50	12 00
<b>Scariosa. Late Type.</b> .....	1 50	12 00

<b>LINUM perenne.</b> Blue.....	1 25	10 00
<b>Perenne alba.</b> White.....	1 25	10 00

<b>LOBELIA cardinalis.</b> Fiery red.....	1 50	12 00
---	------	-------

<b>LUPINUS polyphyllus, White</b> .....	1 50	12 00
<b>Polyphyllus roseus</b> .....	1 50	12 00
<b>Polyphyllus, Blue</b> .....	1 50	12 00

<b>LYCHNIS chalconica.</b> Scarlet.....	1 50	12 00
<b>Chalconica alba.</b> White.....	1 50	12 00
<b>Haageana.</b> Orange-red.....	1 50	12 00
<b>Viscaria splendens fl.-pl.</b> Brilliant red.....	1 50	12 00

<b>LYTHRUM roseum superbum.</b> Rosy lavender.....	1 50	10 00
<b>Dwarf Crimson.</b> Amaranth-purple.....	1 50	10 00

<b>MERTENSIA virginica.</b> Bluish purple.....	1 25	10 00
--	------	-------

<b>MONARDA didyma.</b> Crimson.....	1 25	11 00
<b>Didyma, Cambridge Scarlet.</b> .....	1 25	11 00

<b>MYOSOTIS palustris semperflorens.</b> Rich blue.....	1 25	10 00
---	------	-------

<b>NEPETA Mussini.</b> Lavender-blue.....	1 50	12 00
<b>Souv. d'Andre Chaudron.</b> Lilac-blue.....	1 50	12 00

<b>OENOTHERA missouriensis.</b> Yellow.....	1 50	12 00
<b>Youngi.</b> Lemon-yellow.....	1 50	12 00

<b>PACHYSANDRA terminalis.</b> 3-in. stock.....		
\$90.00 per 1000.....	1 50	10 00

<b>PAPAVER NUDICAULE.</b> Iceland Poppy.		
<b>Coonara Pink.</b> Rose-pink.....	1 50	11 00
<b>El Monte.</b> Orange color.....	1 25	10 00
<b>Fakenham Hybrids.</b> Good range of colors.....	1 50	11 00
<b>White</b> .....	1 25	10 00
<b>Yellow</b> .....	1 25	10 00

PAPAVER ORIENTALE

<b>Apricot Queen.</b> True apricot color.....	1 50	12 00
<b>Beauty of Livermere.</b> Dark crimson.....	1 50	12 00
<b>Joyce.</b> Cherry-red.....	1 50	12 00
<b>Oriental.</b> Large, crimson-scarlet.....	1 50	12 00
<b>Mrs. Perry.</b> Salmon-pink.....	1 50	12 00
<b>Perry's White</b> .....	4 00	30 00

<b>PENTSTEMON barbatus Torreyi.</b> Scarlet.....	1 25	10 00
<b>Heterophylla.</b> Blue.....	1 25	10 00

# Please notice our fine collection of Hardy Phlox

## Michell's Select Peonies

### A Select List of the Best Varieties

The divisions of varieties listed are of 3 to 5 eyes from two-year-old clumps, with balanced roots, free from disease, and absolutely true to name.

	10	100
<b>Albatre.</b> Pure white, carmine on center petals.....	\$3 00	\$20 00
<b>Alexandre Dumas.</b> Brilliant pink.....	3 00	20 00
<b>Baroness Schroeder.</b> White with shadings of flesh.....	3 00	22 00
<b>Charles McKellip.</b> Rich crimson.....	3 00	20 00
<b>Chestine Gowdy.</b> Silvery pink.....	3 00	20 00
<b>Eugene Verdier.</b> Pale hydrangea-pink.....	3 00	20 00
<b>Felix Crousse.</b> Medium bright red.....	3 00	20 00
<b>Festiva Maxima.</b> Pure white, crimson markings.....	3 00	20 00
<b>Germaine Bigot.</b> Excellent pink.....	3 00	20 00
<b>Karl Rosenfield.</b> Pure rich crimson.....	3 50	20 00
<b>La Fee.</b> Mauve-rose, collar creamy white.....	4 00	30 00
<b>Mme. Crousse.</b> Soft salmon-pink.....	3 00	20 00
<b>Milton Hill.</b> Flesh-color.....	4 00	30 00
<b>Modeste Guerin.</b> Light solferino-red.....	3 00	20 00
<b>Mons. Jules Elie.</b> Glossy lilac-pink.....	3 00	20 00
<b>President Roosevelt.</b> Deep, rich brilliant red.....	3 00	20 00
<b>President Taft.</b> Hydrangea-pink.....	4 00	35 00
<b>Primevere.</b> Sulphur-white, deep sulphur-yellow center..	4 00	35 00
<b>Princess Beatrice.</b> Large; violet-rose, cream-white collar	3 00	20 00
<b>Therese.</b> Rich satiny pink.....	4 00	35 00
<b>Umbellata Rosea.</b> Pink.....	3 00	20 00
<b>Walter Faxon.</b> Soft coral-pink.....	4 00	35 00

## Hardy Phlox • Phlox decussata

**COLUMBIA.** Plant Patent No. 118. Rich cameo-pink of a remarkably clear tone, with faint blue eye.

\$2.25 per doz.; per 100, \$12.00

**ROSALINDA.** Soft amaranth-pink flowers. One of the best introductions to date.

\$2.50 per 10; per 100, \$15.00

<b>Africa.</b> Carmine-red with blood-red eye.....	1 50	10 00
<b>Beacon.</b> Brilliant cherry-red.....	1 50	11 00
<b>B. Comte.</b> Rich satiny amaranth.....	1 50	11 00
<b>Champion.</b> Old-rose. Very free.....	1 50	11 00
<b>Daily Sketch.</b> Salmon-pink with carmine eye.....	2 25	13 00
<b>Enchantress.</b> Salmon-pink, dark eye.....	1 50	11 00
<b>Evelyn.</b> Soft lively pink. Free flowering.....	1 50	10 00
<b>Firebrand.</b> Brilliant orange-scarlet.....	1 50	10 00
<b>Innocence.</b> Pure white; large.....	1 50	10 00
<b>Jules Sandeau.</b> Pure watermelon-pink.....	1 50	11 00
<b>Leo Schlageter.</b> Large; scarlet with darker eye.....	2 25	13 00
<b>Lilian.</b> Pure pink.....	2 25	13 00
<b>Mme. French.</b> Vermilion-scarlet.....	1 50	11 00
<b>Miss Lingard.</b> Pearly white. Pink eye.....	1 50	11 00
<b>Mrs. William Jenkins.</b> Pure white. Late flowering....	1 50	11 00
<b>Painted Lady.</b> Pink, red eye.....	1 50	11 00
<b>Rheinlander.</b> Salmon-pink with claret eye.....	1 50	11 00
<b>R. P. Struthers.</b> Rosy carmine, shaded orange.....	1 50	11 00
<b>Salmon Glow.</b> Flame-pink, white tints.....	2 25	13 00
<b>Thor.</b> Deep salmon-pink, red eye.....	1 50	10 00

## Phlox subulata • Moss Pinks

Most valuable for the rockery, the border, and for carpeting.

<b>Alba.</b> Pure white.....	1 25	10 00
<b>Apple Blossom.</b> Apple-blossom-pink.....	2 00	12 00
<b>Atropurpurea.</b> French purple.....	1 50	12 00
<b>Blue Hill.</b> Deep blue.....	1 50	12 00
<b>Lilacina.</b> Light lilac.....	1 25	10 00
<b>Rosea.</b> Rose-pink.....	1 25	10 00
<b>Vivid.</b> Bright pink, fiery red eye.....	1 50	11 00
<b>Divaricata (canadensis)</b> .....	1 25	10 00
<b>Amœna.</b> Pink.....	1 25	10 00

<b>PHYSALIS Francheti.</b> Chinese Lantern Plant.....	1 25	11 00
<b>PHYSOSTEGIA grandiflora, Vivid.</b> Deep pink.....	1 25	10 00
<b>Virginiana alba.</b> White.....	1 25	10 00
<b>Virginiana rosea.</b> Pink.....	1 25	10 00
<b>PLATYCODON grandiflorum.</b> Blue.....	1 25	10 00
<b>Grandiflorum album.</b> White.....	1 25	10 00
<b>PLUMBAGO Larpentæ.</b> Deep blue.....	1 50	11 00
<b>PRIMULA denticulata.</b> Lilac.....	1 50	12 00
<b>Elatior.</b> Mixed.....	1 50	12 00
<b>Munstead Red Giant.</b> .....	1 50	12 00
<b>Munstead Cream.</b> .....	1 50	12 00
<b>Munstead Yellow.</b> .....	1 50	12 00
<b>Veris.</b> Cowslip. Red shades.....	1 50	12 00
<b>PYRETHRUM, James Kelway Hybrids.</b> Velvety red shades.....	1 50	12 00
<b>Roseum hybridum.</b> Various shades.....	1 25	10 00
<b>RUDBECKIA, Golden Glow.</b> .....	1 25	10 00
<b>Hirta.</b> Black-eyed Susan. Orange, black center.....	1 25	10 00
<b>Newmani Hybrids.</b> .....	1 25	10 00
<b>Purpurea.</b> Purple.....	1 25	10 00

<b>SALVIA azurea grandiflora.</b> Sky-blue.....	10	100
<b>Pitcheri.</b> Rich gentian-blue.....	\$1 25	\$10 00
<b>Turkestanica.</b> Silvery foliage. Pink bracts.....	1 50	12 00
<b>SAXIFRAGA cordifolia.</b> Rosy pink flowers.....	1 25	10 00
<b>Ligulata Leichtlini.</b> Bright red.....	2 50	20 00
<b>SCABIOSA caucasica.</b> Lavender.....	2 50	20 00
<b>Caucasica alba.</b> White.....	1 50	11 00
<b>Isaac House Hybrids.</b> .....	1 50	11 00
<b>SEDUM acre.</b> Mossy Stonecrop.....	2 00	15 00
<b>Album.</b> Foliage green. Flowers white.....	1 25	10 00
<b>Kamtschaticum.</b> Orange Stonecrop.....	1 25	10 00
<b>Reflexum.</b> Yellow. Evergreen foliage.....	1 25	10 00
<b>Sarmentosum.</b> Forms soft carpet. Yellow.....	1 25	10 00
<b>Sexangulare.</b> .....	1 25	10 00
<b>Sieboldi.</b> Pink flowers.....	1 25	10 00
<b>Spectabile.</b> Rose.....	1 25	11 00
<b>Spectabile, Brilliant.</b> Bright red.....	1 25	10 00
<b>Tenuifolium.</b> White.....	1 25	10 00
<b>SEMPERVIVUM fimbriatum.</b> Medium rosettes, tipped red.....	1 25	10 00
<b>Globiferum.</b> Flattened rosettes of green leaves.....	1 25	10 00
<b>Soboliferum.</b> Flat growth with incurved petals; red and brown foliage.....	1 25	10 00
<b>Tectorum.</b> Broad rosettes, having reddish brown tips.....	1 25	10 00
<b>SPIRÆA Filipendula.</b> Single; white.....	1 25	10 00
<b>Filipendula fl.-pl.</b> Double; white.....	1 50	12 00
<b>Palmata elegans.</b> Light pink.....	1 50	12 00
<b>Ulmaria fl.-pl.</b> Double; white.....	1 50	12 00
<b>STATICE latifolia.</b> Sea Lavender. Blue.....	1 50	12 00
<b>Eximia.</b> Dwarf; lilac flowers.....	2 00	15 00
<b>Dumosa.</b> Light lavender; silvery white when dried...	1 50	12 00
<b>STOKESIA cyanea.</b> Cornflower Aster. Blue.....	1 25	10 00
<b>Cyanea alba.</b> White.....	1 25	10 00
<b>THALICTRUM adiantifolium.</b> White.....	1 25	10 00
<b>Aquilegifolium.</b> White.....	1 50	12 00
<b>Flavum.</b> Pale yellow.....	1 50	12 00
<b>THERMOPSIS caroliniana.</b> Yellow.....	1 50	12 00
<b>THYMUS Serpyllum albus.</b> Pure white.....	2 00	15 00
<b>Serpyllum coccineus.</b> Bright red.....	1 50	12 00
<b>TRILLIUM erectum.</b> Purple.....	1 25	10 00
<b>Grandiflorum.</b> White.....	1 25	10 00
<b>TRITOMA Pfitzeri.</b> Red-Hot Poker.....	1 50	12 00

## Trollius • Globe Flower

<b>Asiaticus, Salamander.</b> Orange.....	2 25	15 00
<b>Earliest of All.</b> Light orange.....	2 25	15 00
<b>Europæus.</b> Lemon.....	2 25	15 00
<b>Goldquelle.</b> Orange-yellow.....	2 25	15 00
<b>Ledebouri.</b> Orange.....	2 25	15 00
<b>Orange Prince.</b> Orange.....	2 25	15 00
<b>Meteor.</b> Deep orange.....	2 25	15 00
<b>VALERIANA coccinea.</b> Old-rose.....	1 25	10 00
<b>Coccinea alba.</b> White.....	1 25	10 00
<b>Officinalis.</b> Rose, tinted white.....	1 25	10 00
<b>VERONICA amethystina.</b> Blue.....	1 25	11 00
<b>Blue Fay.</b> Bright lavender.....	1 25	11 00
<b>Elegans rosea.</b> Pink.....	1 25	11 00
<b>Incana.</b> Deep blue.....	1 25	11 00
<b>Longifolia subsessilis.</b> Deep blue.....	1 25	11 00
<b>Longifolia Hendersoni nana.</b> Deep blue.....	1 25	11 00
<b>Rupestris.</b> Prostrate. Blue.....	1 25	11 00
<b>Rupestris rosea.</b> Pink.....	1 25	11 00
<b>VINCA minor.</b> Periwinkle.....	1 25	10 00
<b>Minor, Bowles' Variety.</b> Flowers deep rich blue....	1 50	11 00
<b>Minor variegata.</b> .....	1 50	12 00

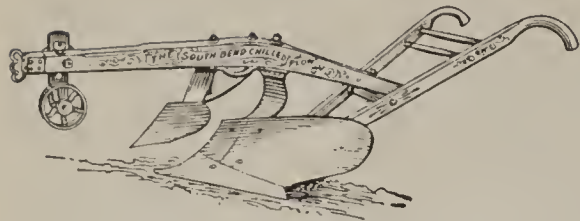
## Viola • Tufted Pansy

<b>Admiration.</b> Rosy purple.....	1 25	10 00
<b>Arkwright Ruby.</b> Ruby-red.....	1 50	10 00
<b>Apricot.</b> Apricot-yellow.....	1 50	10 00
<b>Bosniaca.</b> Reddish violet.....	1 25	10 00
<b>Blue Perfection.</b> Deep blue.....	1 25	10 00
<b>Emperor William.</b> Blue. Good for forcing.....	2 50	15 00
<b>G. Wermig.</b> Beautiful rich blue.....	1 50	10 00
<b>Jersey Gem.</b> Pure, rich violet.....	1 25	10 00
<b>Lord Nelson.</b> Rich purple.....	1 25	10 00
<b>Lutea splendens.</b> Rich yellow.....	1 25	10 00
<b>Rose Queen.</b> Bright rose.....	1 25	10 00
<b>White Perfection.</b> White.....	1 25	10 00

## Viola odorata • Sweet-scented Violet

<b>Double Russian.</b> .....	2 50	15 00
<b>Frey's Fragrant.</b> Very sweet.....	1 50	13 00
<b>Prince of Wales.</b> The best for florists.....	1 50	13 00
<b>The Czar.</b> Single; blue.....	2 50	15 00
<b>YUCCA filamentosa.</b> Green foliage.....	1 50	12 00

# Michell's Farm and Garden Tools



## South Bend Plows

This Plow has been one of the favorites in the Philadelphia region for many years. It is neatly and substantially made and gives excellent satisfaction.

- |   |         |
|---|---------|
|   | Each    |
| No. 1B. One-horse; wood beam.....                           | \$12 00 |
| No. 2F. One heavy horse or two light horses; wood beam..... | 13 25   |
| No. 3F. Two-horse; wood beam.....                           | 18 00   |

The prices above are for plain Plows with clevis only. Jointers and wheels can be supplied for No. 3F at the following additional cost:

- |                   |        |
|-------------------|--------|
| Wheel only.....   | \$2 25 |
| Jointer only..... | 4 25   |

Nos. 1B and 2F are too light for jointer and wheel.

### Shares for South Bend Plows

- |             |        |             |        |
|-------------|--------|-------------|--------|
|             | Each   |             | Each   |
| No. 1B..... | \$0 50 | No. 3F..... | \$0 65 |
| No. 2F..... | 55     |             |        |

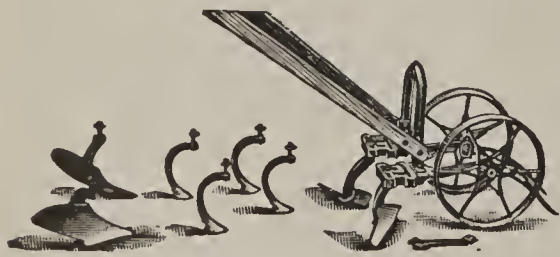
## Planet Jr. Horse Hoes and Cultivators



No. 8 Planet Jr. Horse Hoe

Planet Jr. implements are in great demand by the market-garden industry everywhere. While we list here only a few popular styles, we are prepared to furnish the complete line, also Riding Cultivators.

- |   |         |
|---|---------|
|   | Each    |
| No. 8. Horse Hoe and Cultivator.....                        | \$16 75 |
| No. 90. 12-tooth Harrow, with Wheel and Pulverizer.....     | 17 00   |
| No. 90B. 12-tooth Harrow, without Pulverizer.....           | 14 00   |
| No. 90D. 12-tooth Harrow, without Pulverizer and Wheel..... | 11 50   |
| No. 101. Cultivator with Wheel.....                         | 10 75   |
| No. 101D. Cultivator without Wheel...                       | 9 50    |
| No. 83. 7-tooth Cultivator with Wheel..                     | 14 00   |
| No. 83D. 7-tooth Cultivator without Wheel.....              | 12 50   |

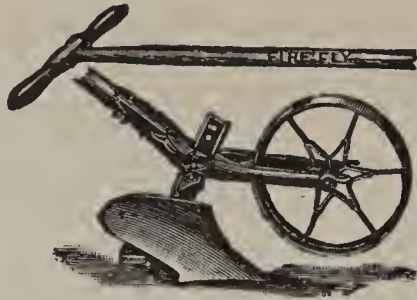


## Planet Jr. Wheel Hoes

- |  |         |
|--|---------|
|  | Each    |
| No. 12. Double Wheel. (See cut.).....  | \$11 50 |
| No. 13. Double Wheel.....              | 8 75    |
| No. 11. Double Wheel.....              | 14 50   |
| No. 16. Single Wheel.....              | 9 00    |
| No. 17. Single Wheel.....              | 8 00    |
| No. 17½. Single Wheel.....             | 7 00    |
| No. 18. Single Wheel.....              | 6 00    |
| No. 119. Plow and Cultivator Combined. | 4 75    |

## Planet Jr. Wheel Hoe Parts

- |                                 |        |
|---------------------------------|--------|
| Side Hoes, per pair, 4½-in..... | \$1 30 |
| 6-in.....                       | 1 45   |
| 7½-in.....                      | 1 65   |
| Side Plows, per pair.....       | 1 50   |
| Cultivator Teeth, each.....     | 40     |
| Peat Land Hoes, per pair.....   | 1 90   |



## Fire-Fly Garden Plow

Exceedingly useful to every owner of a garden. It throws furrows various widths and is very desirable for plowing up gardens for new crops, after general plowing in spring. Price, \$4.50.

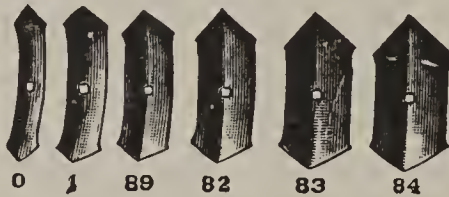


## Planet Jr. Seed Drills

- |                          |         |
|--------------------------|---------|
|                          | Each    |
| No. 4D. Plain.....       | \$15 50 |
| No. 4. Combined.....     | 19 50   |
| No. 3. Plain only.....   | 19 00   |
| No. 25. Combined.....    | 23 50   |
| No. 300. Plain only..... | 21 00   |

## Planet Jr. "Star" Pulverizer

A dandy implement for destroying weeds, pulverizing the soil, etc. Width of cut, 7½ in. Price, \$3.25.



Horse Cultivator Teeth

- |       |        |       |        |
|-------|--------|-------|--------|
|       | Length | Width | Each   |
| 8 in. | 1¼ in. |       | \$0 19 |
| 8 in. | 1¾ in. |       | 20     |
| 8 in. | 2¼ in. |       | 21     |
| 8 in. | 3 in.  |       | 23     |
| 8 in. | 4 in.  |       | 30     |

Bolts for Teeth, 4c. each; doz. 40c.

## Gem Single Wheel Hoe

One of the most popular garden tools, being low in price and complete in detail. It is suited for almost any garden work as it weeds, hoes, hills, and harrows. Price, \$7.50.

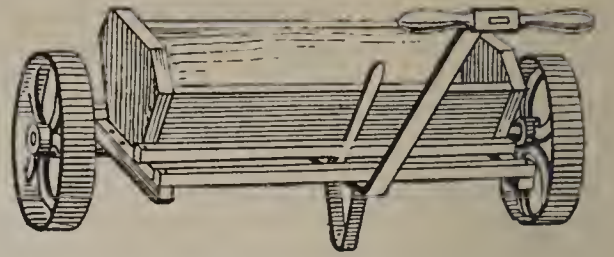


## Aeroil Weed Burner

For destroying any kind of weed or brush, killing stems, roots, and seeds.

Burner can be used with any type compression tank.

- |   |         |
|---|---------|
| No. 99. Complete with 4-gal. tank and hose..... | \$20 00 |
| Without tank.....                               | 12 50   |
| No. 99. Junior. With 2 - gal. tank.....         | 15 00   |
| Without tank.....                               | 10 00   |



## Stevens' Fertilizer Distributor

**Hand Machine.** For distributing bonemeal, wood-ashes, and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Holds about 1¾ bushels. Covering area, 3 feet wide. Price, \$25.00.

**Horse Machine.** This style is suitable for use on large lawns, fields, and golf-grounds. It has a device for regulating the quantity to be sown. Equipped for either one or two horses, as may be desired.

- |                                   |         |
|-----------------------------------|---------|
| 5 ft., 10-in. spreading area..... | \$70 00 |
| 8 ft., 3-in. spreading area.....  | 75 00   |

## Vigoro Spreader

A Spreader for the application of fertilizers in flower-beds and vegetable gardens before seeds are sown or plants set out; also to sow grass seeds, top-dress lawns, etc.



**New Model.** 14-in. spreading area. Capacity, 13 lbs. Price, \$3.00.

**Junior.** 16-in. spreading area. Capacity, 30 lbs. Price, \$6.50.

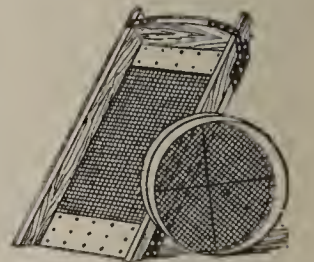
**Standard.** 24-in. spreading area. Capacity, 65 lbs. Price, \$11.75.

**Special.** 36-in. spreading area. Capacity, 125 lbs. Price, \$19.50.

## Sieves

Any size mesh. Made extra well.

**Galvanized Wire, 18-in.** \$1.75 each (post-paid \$1.90).



## Large Upright Sieve

For soil, gravel, sand, etc. Made in any size mesh, of extra heavy-grade foundry wire. Price, \$16.00.

## Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

- |            |         |            |         |
|------------|---------|------------|---------|
|            | Per ft. |            | Per ft. |
| 20-ft..... | \$0 65  | 30-ft..... | \$0 65  |
| 22-ft..... | 65      | 32-ft..... | 65      |
| 24-ft..... | 65      | 36-ft..... | 70      |
| 26-ft..... | 65      | 38-ft..... | 70      |
| 28-ft..... | 65      | 40-ft..... | 70      |

## Single Plank Ladders

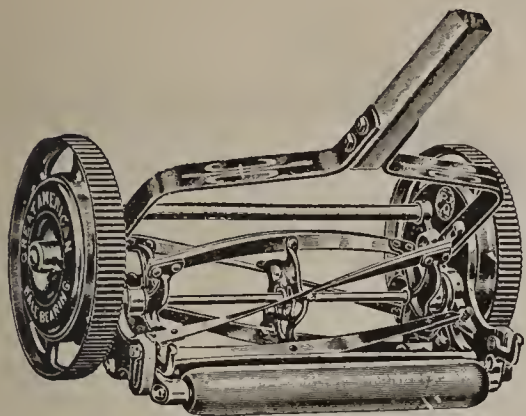
Made of good hard wood, free from faulty knots and with perfect rounds.

- |            |        |            |        |
|------------|--------|------------|--------|
|            | Each   |            | Each   |
| 8-ft.....  | \$4 00 | 18-ft..... | \$9 00 |
| 12-ft..... | 6 00   | 20-ft..... | 10 00  |
| 14-ft..... | 7 00   | 22-ft..... | 11 00  |
| 16-ft..... | 8 00   |            |        |



Here are Mowers that really cut

MICHELL'S LAWN ACCESSORIES



Great American Ball-bearing Mower

Great American High-Wheel Ball-bearing Mower

5-blade cylinder  
15-in. .... \$15 65 | 19-in. .... \$19 90  
17-in. .... 17 80 | 21-in. .... 21 80

Great American High-Wheel Ball-bearing Mower

Aluminum wheels.  
Rubber tires. 5-blade cylinder.  
16-in. .... \$18 40 | 19-in. .... \$22 15

Pennsylvania Jr. Ball-bearing

8-in. or low wheel; 5-blade cylinder, 5½-in. diam.  
12-in. .... \$15 50 | 16-in. .... \$19 35  
14-in. .... 17 25 | 18-in. .... 22 25  
10-in. or high wheel; 5-blade cylinder, 6-in. diam.  
15-in. .... \$20 75 | 19-in. .... \$25 75  
17-in. .... 22 75 | 21-in. .... 28 50

We can also supply the Pennsylvania Standard High-Wheel Lawn Mower in same sizes and prices as above.

Suburban Ball-bearing

Pneumatic tires.  
10-in. wheels; 5-blade cylinder.  
14-in. .... \$15 00 | 16-in. .... \$15 70

Mokleen Chief Special Ball-bearing

10-in. wheels; 4-blade cylinder.  
16-in. .... \$17 60 | 18-in. .... \$19 75

Pennsylvania Putting Green Super Roller Mower Type

18-in. .... \$48 00

Pennalite Ball-bearing

10-in. wheel; 5-blade cylinder.  
17-in. .... \$16 10

Orchid Ball-bearing

10-in. wheel.  
17-in., 5-blade cylinder .... \$11 50  
17-in., 7-blade cylinder .... 16 60

Delta Ball-bearing

8-in. wheel; 5-blade cylinder.  
13-in. .... \$9 40 | 17-in. .... \$10 50  
15-in. .... 9 90

Invader Ball-bearing

10-in. wheel; 4-blade cylinder.  
16-in. .... \$8 00

Interstate Ball-bearing

10-in. wheel; 5-blade cylinder.  
14-in. .... \$11 25 | 18-in. .... \$12 25  
16-in. .... 11 75

Lawn Trimmers

For cutting around walks, drives, flower-beds, and borders.

**Penna.** Combined Trimmer and Edger .. \$9 15  
**Penna.** Undercut style; ball-bearing .... 10 40  
**Coldwell** ..... 8 50

Simplicity Grass Catcher

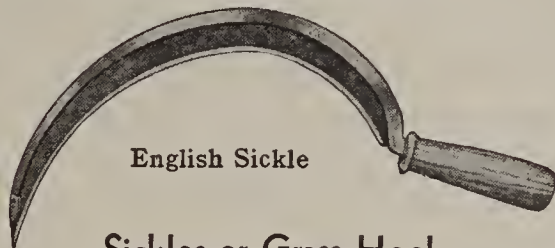
Made with sheet-iron bottom and canvas sides. Will fit any make of mower.

No. G10. 12- to 16-in. size ..... \$1 40  
No. G12. 17- to 22-in. size ..... 1 65

Motor Mowers

**Coldwell, Twin 30.** 30-in. cut ..... \$385 00  
Grass-Box ..... 19 00  
**Coldwell, L Twin.** 25-in. cut ..... 335 00  
Grass-Box ..... 17 00  
**Coldwell, L Twin.** With gang units, 60-in. cut ..... 415 00  
**Coldwell, L Junior.** 25-in. cut ..... 255 00  
Grass-Box ..... 17 00  
**Coldwell Cub.** 21-in. cut ..... 205 00  
Grass-Box ..... 12 00  
**Country Gentleman.** 21-in. cut ..... 160 00

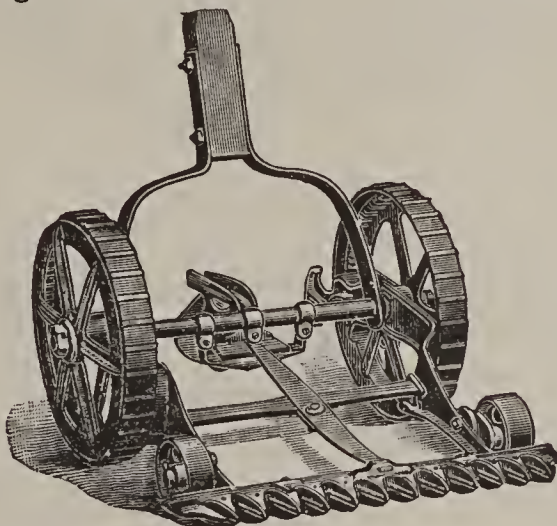
Prices subject to change



English Sickle

Sickles or Grass Hooks

	Each	Doz.
<b>English Rivet Back.</b> No. 2	\$1 00	\$11 50
<b>English Rivet Back.</b> No. 3	1 00	11 50
<b>English Solid Back.</b> No. 2	65	7 00
<b>Little Giant, American</b>	60	6 50
<b>Dutch or German.</b> No. 2	70	7 50
<b>Long Handle.</b> No. 6	1 10	12 50

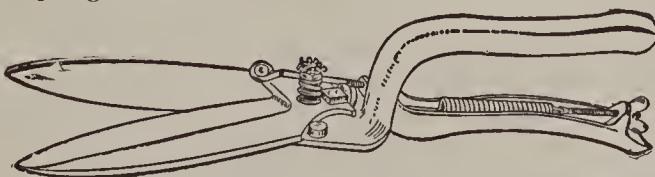


Clipper Lawn Mower

15-in. .... \$12 50 | 18-in. .... \$14 00

Lawn Mower Oil

Best quality. 25c. per pt.; qt. 35c.; \$1.00 per gal.



Level-Cut Grass Shears

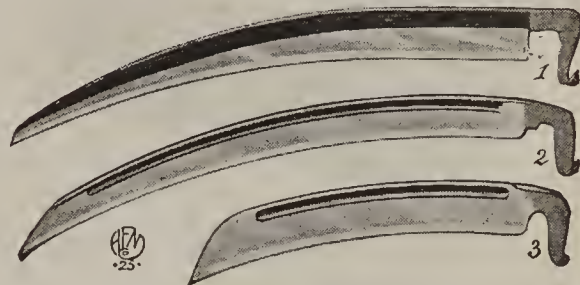
Level-Cut Grass Shears

No. 1907. Specially designed to cut grass. Works easy, with an up and down motion. Keeps your hands out of the dirt. Price, \$1.35.



Grass Shears

	Each
No. 235. <b>American.</b> 6-in.	\$0.45
No. 012. <b>American.</b> 6-in.	1 30
No. 114. <b>English.</b> 7-in. Trowel shank handle	2 50
No. 113. <b>English.</b> 7-in. Straight handle	2 25
No. 0267. <b>American.</b> 5½-in.	90
No. 0267. <b>American.</b> 7-in.	1 20
No. 90. <b>Michell's.</b> Built like hair-cutters	90



No. 1, English; No. 2, American; No. 3, Little Giant Brush

Scythes

<b>English.</b> 32-in.; rivet back	\$2 75
34-in.; rivet back	3 00
36-in.; rivet back	3 50
<b>American, Little Giant.</b> 32-in.	2 00
34-in.	2 00
36-in.	2 00
<b>Brush or Briar, Little Giant</b>	2 00
<b>Snathes for Scythes</b>	2 00

Sharpening Stones

	Each	Doz.
<b>Sir Pike.</b> Talacre Style	\$0 30	\$3 50
<b>Talacre Stone.</b> Imported	45	5 25
<b>Darby Creek</b>	25	2 75
<b>Carborundum</b>	35	4 00
<b>Carborundum File</b>	90	
<b>Carborundum Rifle</b>	25	

Michell's Weed Cutter

No. 26. For cutting heavy weeds, such as burdock, thistles, etc.

Price, \$1.15



Grasswips

The New Double-Edged, Long-Handled Grass-Cutter.

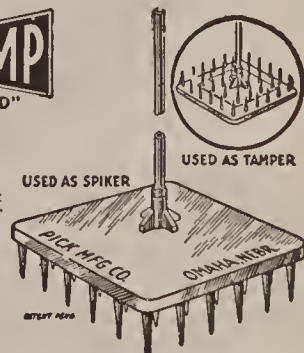
No. 165. Cuts easily on both forward and backward swing. Forged blade; round steel shaft; maple handle. Enameled in red and green. Price, 90c.

Same as above, with serrated edge. Price, \$1.00.



Price, \$4.25

An indestructible all-metal tool made of quality material. Weight, 11½ lbs.; length overall, 4 ft.; plate, 9 in. square; spikes, 1¼ in. long.



# MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES



## Keystone Water-Ballast Rollers

Fill with water to weight it up to any number of pounds desired, as shown below. Equipped with a device for keeping handles stationary.

No.	Sec-tions	Diam. in.	Length in.	Weight empty	Weight filled	Price
601	1	14	24	60	250	\$13 00
602	1	18	24	85	330	14 50
603	1	24	24	100	440	17 00
604	1	24	32	135	590	18 00

Prices on Iron Horse Rollers on application.

## Putting-Greens Roller

Cast steel; 4 ft. long; 10-in. diam.; 4 sections. Weight, 160 lbs. Price, \$27.50.

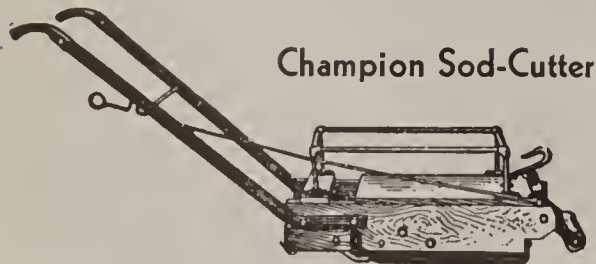
## Keystone Hand Lawn Rollers

Drums are equipped with five spokes. The face is ground smooth and carefully finished. Steel roller-bearings are mechanically constructed, making the Roller operate so easily a child can handle it. The handle is made of steel and hardwood, and is equipped with a balance weight so that it is always in an upright position.

No.	Sections	Diam. in.	Length or width in.	Weight lbs.	Price
501	2	15	15	175	\$18 50
502	3	15	22	250	22 00
504	2	20	20	250	24 00
507	2	20	24	300	29 50
508	3	20	30	350	36 50
509	2	24	20	400	38 50
511	3	24	24	450	43 50
512	3	24	30	500	45 00
514	3	28	24	500	45 00

## Michell's Spike-Tooth Rollers

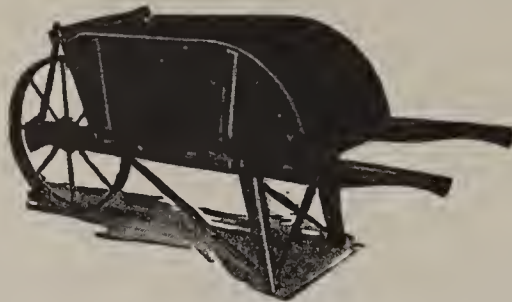
Easily manipulated by one man. Steel rolls filled closely with spikes of proper length for perforation. Two sections, 9-in. diam.; 18-in. width. Weight, 70 lbs. Price, \$27.50.



## Champion Sod-Cutter

The best and most satisfactory machine on the market. Sod-Cutters are now used extensively where any great amount of cutting is to be done. Work can be accomplished better with this machine, as you can cut as much in one hour as two men all day. Price, \$48.00.

Extra Knives for Sod-Cutters.....\$12 00



Greenhouse Wheelbarrow

## Wheelbarrows Michell's Greenhouse

This very narrow Barrow is designed for use in greenhouse aisles. Inside of box measures 14 inches in front, 17 inches in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at handhold 20 inches, which is extreme width of Barrow. Furnished in 18-inch diameter wheel, nicely painted and striped. Price, \$9.50.

## Great American Wheelbarrow.

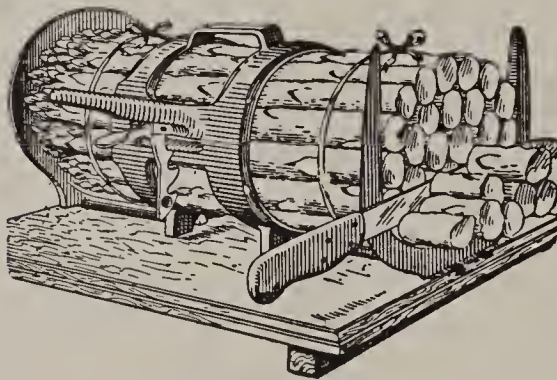
	Tire in.	Length in.	Depth in.	Width in.	Price
No. 1	2 3/4	30	12	25	\$8 75
No. 2	2 3/4	28	12	24	8 00
No. 3	2 3/4	26	12	22	7 50

## Great American, Boys' Wheelbarrow.

No. 4	1 3/4	22	9	18	5 75
-------	-------	----	---	----	------

Great American. Equipped with pneumatic rubber-tire wheel.

No. 2	2 3/4	28	12	24	14 00
Canal. Side dump; bolted					4 50



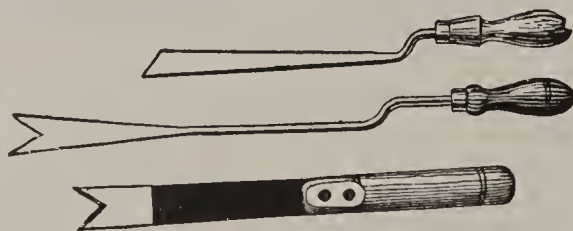
## Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. The asparagus is quickly tied and looks uniform.

Buncher, with Knife-Guard	Each	P.Post
	\$3 50	\$3 70

## Asparagus Tape

Red. In 1000-yd. spools	Each	P.Post
	\$3 50	\$3 65
Green. In 1000-yd. spools	3 00	3 15



## Asparagus Knives

No. 2501. Top illustration	Each	P.Post
	\$0 45	\$0 55
No. 2500. Center illustration	45	55
No. 2311. Lower illustration	40	50

## Marking Rake

These are for marking out garden rows. Adjustable brass teeth which are set for any width row desired up to 4 1/2 feet. Price, \$6.00. Extra teeth, 60c. each.

## Steel Brume Rake

Spring steel teeth. Price, \$1.00.



## Steel Garden Rakes

Made of the best cast steel.

No. 12. 12-tooth	\$1 05
No. 14. 14-tooth	1 25
No. 16. 16-tooth	1 35
No. 18. 18-tooth	1 50
Michell's Excelsior. 16-tooth	80



## Steel Gravel Rakes

These Rakes are used for road-making and for paths. Have very short teeth.

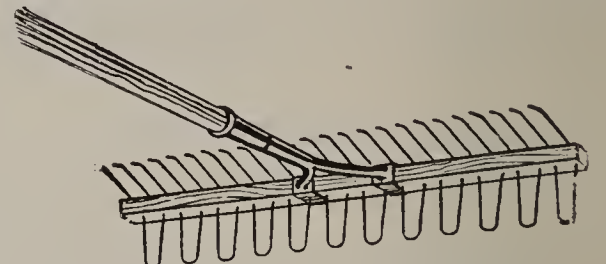
No. G14. 14-tooth	\$1 40
No. G16. 16-tooth	1 50



## Steel-Bow Rakes

The teeth are slightly bent.

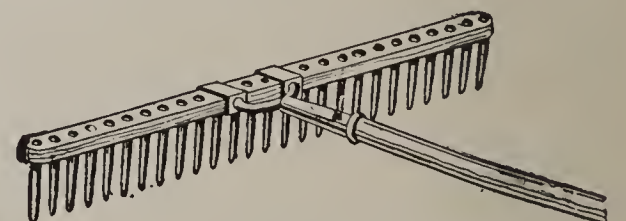
No. B12. 12-tooth	\$1 25
No. B14. 14-tooth	1 40
No. B16. 16-tooth	1 50



## Wire Lawn or Grass Rakes

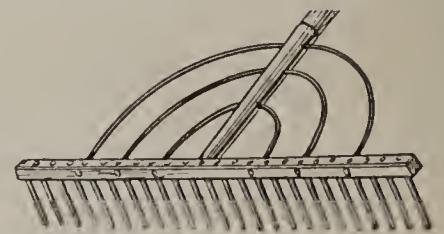
Made of heavy tinned steel wire.

No. 124R. 24-tooth	\$0 95
No. 36LR. 36-tooth	1 65



## Ole Olsen Lawn Rake

Made of the best hickory wood; well braced. 26-tooth. Price, 90c.

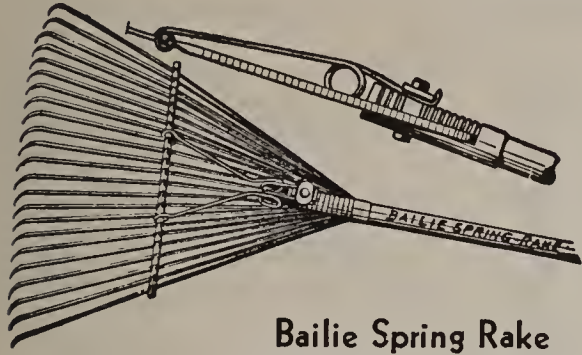


Ames, No. 37X Rake

## Wooden Rakes

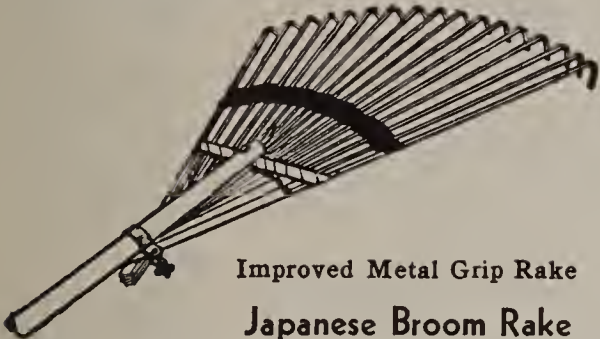
Ames, 37X. 28-tooth; steel bows	\$1 10
Ames. 14-tooth; wood bow. For hay	80
Wire-braced. 20-tooth. Lawn	60
Automatic. 26-tooth. Wood	1 65

MICHELL'S FARM AND GARDEN TOOLS



**Bailie Spring Rake**

Ideal for lawn or driveway. Made from spring wire. 24-tooth. Price, \$1.85.



**Improved Metal Grip Rake**

**Japanese Broom Rake**

Made of split bamboo; cleans the lawn or grass plot completely.

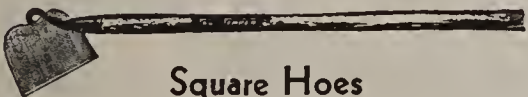
- 18-in., with bamboo handle.....\$0 30
- 18-in., with hardwood handle..... 65
- 24-in., with hardwood handle..... 90
- 30-in., with hardwood handle..... 1 40



**Half-Moon Hoes**

Best solid steel sockets which will not pull out.

- No. HM4. 4-in.....\$1 10
- No. HM6. 6-in..... 1 25
- No. HM7. 7-in..... 1 40



**Square Hoes**

- No. G06. 6-in., solid shank.....\$1 05
- No. G07. 7-in., solid shank..... 1 15
- No. G08. 8-in., solid shank..... 1 25
- No. 10. 10-in., for celery..... 1 75
- Mitchell's Special.** 7-in., solid shank.... 65

**Warren Hoes (Heart-shaped)**

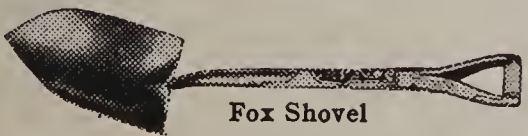
- No. W7. 7-in.....\$1 40
- No. W7½. 7½-in..... 1 65

**Baby Warren Hoe**

- No. BW4½. Short handle.....\$0 75

**Two-Prong Onion Hoe**

- No. 2P.....\$0 70



**Fox Shovel**

**Shovels**

We handle only the very best makes of steel Shovels. Every one guaranteed.

**Short Handle**

- Fox.** Round point.....\$2 00
- Square point..... 2 00
- Conneaut.** Round point..... 2 25
- Square point..... 2 25
- Empire.** Round point..... 1 35
- Square point..... 1 35

**Shovels, Long Handle**

- Fox.** Round point.....\$2 00
- Square point..... 2 00
- Conneaut.** Round point..... 2 25
- Square point..... 2 25
- Empire.** Round point..... 1 35
- Square point..... 1 35



**Steel Spades**

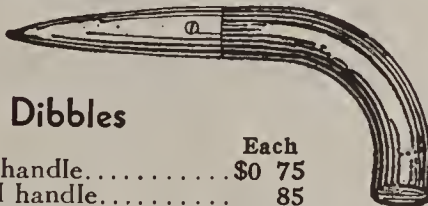
- Fox.** Short handle.....\$2 00
- Ladies' polished..... 2 00
- Conneaut.** Short handle..... 2 25
- Nursery, Conneaut's Special.**..... 3 75
- Empire.** Short handle..... 1 35
- Boys', Pfeiffer's.**..... 1 40



**Spading Forks**

Strapped shanks; short or D-wood handle. Made of best-quality steel.

- No. 04HW. **Men's.** 4-tine.....\$1 90
- No. 05 HW. **Men's.** 5-tine..... 2 15
- No. B4D. **Boys' or Ladies'.** 4-tine..... 1 00
- No. ED4. **English.** 4-tine..... 3 00
- No. POL4. **Mitchell's Special.** 4-tine... 1 00

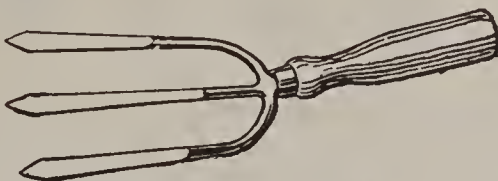


**Dibbles**

Each

- Iron.** Wood handle.....\$0 75
- Brass.** Wood handle..... 85

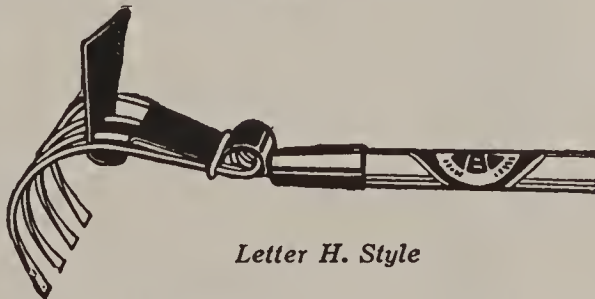
If wanted by Parcel Post, add 10c. each for postage.



**Eureka Weeding Fork**

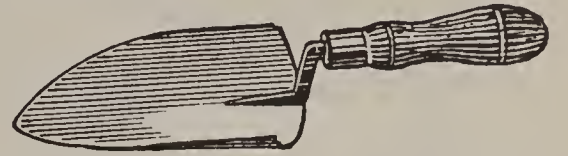
**Weeders**

- Eureka Weeding Fork.** (See cut above.)
- Short handle, 50c. each (by Parcel Post, 60c.); doz. \$5.50.
- Long handle, 75c. each.
- Eureka Weeder.** Short handle, 45c. each (by Parcel Post, 55c.); doz. \$4.75.
- Long handle, 70c. each.



*Letter H. Style*

- Magic Weeder, No. A.** Small. 18c. each (by Parcel Post, 25c.); doz. \$2.00.
- No. B. Medium. 20c. each; doz. \$2.25.
- No. F. Medium. 65c. each.
- No. H. Large. \$1.10 each.
- Excelsior Weeder.** 15c. each (by Parcel Post, 25c.); doz. \$1.50.
- Excelsior Weeding Fork.** 10c. each (by Parcel Post, 15c.); doz. \$1.10.
- No. 3 W **Steel Weeder.** 50c. each (by Parcel Post, 60c.).
- Hazeltine Weeder.** 30c. each (by Parcel Post, 40c.); doz. \$3.25.



**Johnson Trowel**

No. 211. These are made of one-piece steel blade and shank. Equal to the imported Trowels.

- 5-in.....\$0 70
- 6-in..... 75
- 7-in.....\$0 80



**No. D. S. T. Steel Shank Trowel**

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 85c. each; doz. \$9.75.



**Cleves Angle Trowel**

For getting dandelion, plantain, and other weeds out of the lawn, etc.

- 5-in.....\$0 20
- 6-in..... 25
- 7-in.....\$0 30



**English Bulb Trowel**

Heart-shaped blade, 4¾ in. wide, for planting out bulbs, etc. Price, 95c.



**Transplanting Trowel**

No. 217A. Steel shank and blade. Price, 75c.

**Neverbreak Trowel**

No. 800. Heavy steel. 5-in. 12c. each; doz. \$1.25; \$11.00 per gross.



**Garden Reels**

**Small Single.** Price, \$1.65 (by Parcel Post, \$1.75).

**Medium, Single.** Price, \$2.10 (by Parcel Post, \$2.30).

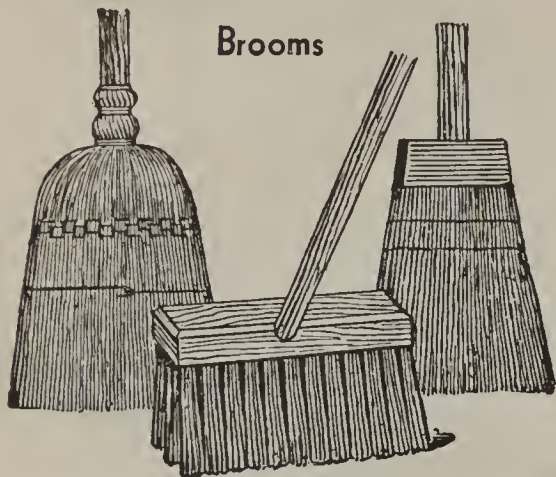
**Garden Line**

Best-quality white cotton braided. 100-ft. hanks, 90c. (by Parcel Post, \$1.00).

**Plow Line Cotton.** 45-ft. hanks, 50c. (by Parcel Post, 60c.).

MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



Brooms

Plain Corn Rattan Push Japanese Fibre

- No. 9. Japanese Fibre.....\$1 10
- No. 8. Corn and Rattan mixed..... 90
- Golf Greens.** Birch.....Doz. \$3.25.. 30
- No. 7. Plain Corn. Extra quality..... 90

Road Brushes (With Handles)

- No. 271. Rattan Push. 14-in.....\$1 00
- No. 1414. Bass or Cocoa Push. 14-in..... 1 00

Soil-Pulverizer

The machines are equipped with a hopper and a roller 6 inches in diameter, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift.

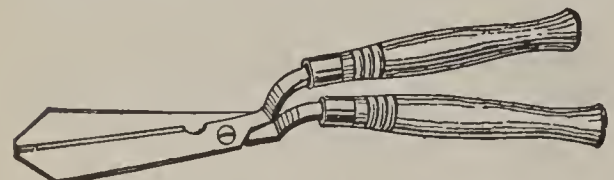
	Length	Width	Height	Each
No. 1.....	25 in.	20 in.	40 in.	\$35 00

**Power Soil Shredder and Pulverizer.** Complete with gasoline motor. Price, \$115.00, f.o.b. factory.

Sudbury Soil-Test Kits

With this Soil-Test Kit anyone can make practical tests to determine acidity of soil, or any possible deficiency in nitrogen, phosphorus and potash. Complete instructions with each Kit.

- Professional Size**.....\$18 50
- Horticultural Size**..... 9 75
- Model D.** For home use..... 2 00



Hedge Shears

	Disston	English
No. 300. 6-in.....	\$2 10	
No. 30. 8-in.....	2 25	\$3 50
No. 30. 9-in.....	2 60	3 75
No. 30. 10-in.....	2 85	4 25
No. 101A. 12-in.....		5 00

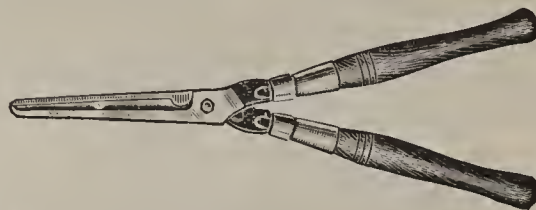
**Lock Bolts, Nuts, and Washers** for Hedge Shears, 25c. each.



WISS Hedge Shears

Blades of high carbon steel; handles, drop-forged steel, with wood grip.

6½-in.....	\$2 35
7½-in.....	2 65
8 -in.....	2 75
9 -in.....	3 25
10 -in.....	3 75



Clyde Hedge Shears

No. 5430. Drop-forged solid tool-steel blades, notched, full polished. Handles made of ash, 1 ft. long; blades, 9 in. Price, \$2.25.

No. 5435. Especially for ladies' use. Drop-forged solid tool-steel blades. Handles made of black walnut, 9 in. long; blades, 6 in. Price, \$1.50.

If Shears are wanted by Parcel Post, add 20c. each for postage.

Simplicity Hedge Trimmer

No. 100. To be used for fresh new growth only. Will trim every variety of hedge grown and to any shape. Price, \$3.75 (by P. Post, \$4.00).



Simplicity Hedge Pruner and Trimmer

No. 101. For pruning back old growth and trimming new. Price, \$4.75 (by P. Post, \$5.00).



Disston's Little Giant with Saw

Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

	Each	P.Post
No. 3. Short handle.....	\$0 60	\$0 70
No. 5. 2-ft. handle.....	1 25	



Clyde Tree Trimmer

No. 5407. With pole and removable cutting blade, complete.

6 ft.....	\$2 25
8 ft.....	2 50
10 ft.....	2 75
12 ft.....	3 00
14 ft.....	3 25

Extra Blades for Clyde Pruners, 20c. each.

Poles for Tree Pruners

- 12 ft. long, 1½ in. diam. \$2 25
- 14 ft. long, 1½ in. diam. 2 75
- Bamboo.** 12 ft. long in 3 sections..... 1 40

Clyde Pruners or Poles are not available.

Bartlett Compound Tree Trimmer

No. 1R. This has a compound lever head and is made with a hook and side lever. Calculated for heavy work and will cut a limb 1¼ inches in diameter.

Prices with Pole

6 ft....	\$5 50	12 ft....	\$6 50
8 ft....	5 75	14 ft....	7 00
10 ft....	6 00	16 ft....	7 25



No.1

No.3

Disston Lopping Shears

- No. 1. 27½-in. handles.....\$3 25
- No. 3. **Bulldog.** 27½-in. handles..... 3 25

Lopping Shears

No. 7. All-steel blade and arms. Blade 3 in. long; arms 15 in. long. Hardwood handles, 8 in. long. Weight, 1¾ lbs. Price, \$3.25.

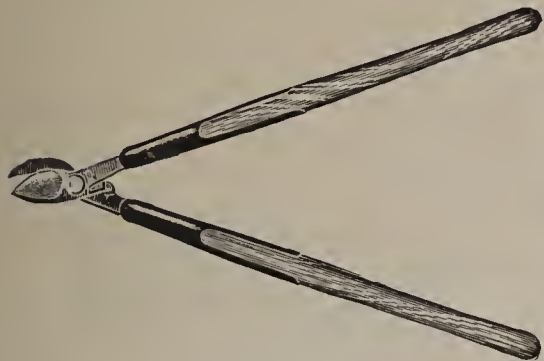


Clyde Draw-Cut Lopping Shears

No. 5402. Blade, hook, and shank are forged tool steel. Natural finish ash handles 30 in. long. Pressed steel strapped ferrule and cap. Price, \$3.75 (by Parcel Post, \$3.95).

# Shears, Saws, and Knives for all pruning operations

## MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES, continued



### Clyde Lopping Shears

No. 5409. Solid tool-steel blade and hook. Hardened steel bolt with lock nut. Handles natural finish ash, 2 ft. long. Polished pressed steel ferrule and cap. Price, \$1.75 (by Parcel Post, \$1.95).



### Forester Lopping Shears

No. 1. 20 in. long. Weight, 2 lbs. 10 oz... \$4 85  
No. 2. 27 in. long. Weight, 4 lbs. 10 oz... 5 75



### Rhodes Lopping Shears

Makes an absolutely clean, perfect cut. Blades are concave at the cutting edge. 26-in. and 30-in. handles. Price, \$4.50 (by Parcel Post, \$4.70).



No. 4



No. 7



No. D27

### Disston Pruning Saws

If wanted by Parcel Post, add 15c. each for postage.

No. 4. 18-in., double edge.....\$1 60  
No. 4. 20-in., double edge..... 1 75  
No. 7. 16-in., single edge..... 1 65  
No. 7. 18-in., single edge..... 1 70  
No. 7. 20-in., single edge..... 1 90  
No. 50. 14-in., California Pattern. Crescent-shaped blade..... 1 40  
No. 5. 20-in., double edge, curved blade.. 1 90  
D27. Steel blade, 6 in. wide at butt; 1 1/4 in. at point; 26 in. long. Hardwood handle. 3 50

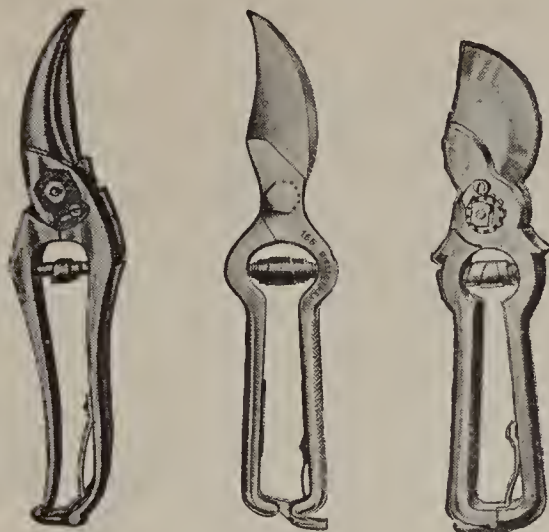
### Carpenter's Saws

When ordering, state if rip or cross-cut is desired.

Disston No. 8D. 26-in. blade. Price, \$3.00.

### Cross-Cut Log Saws

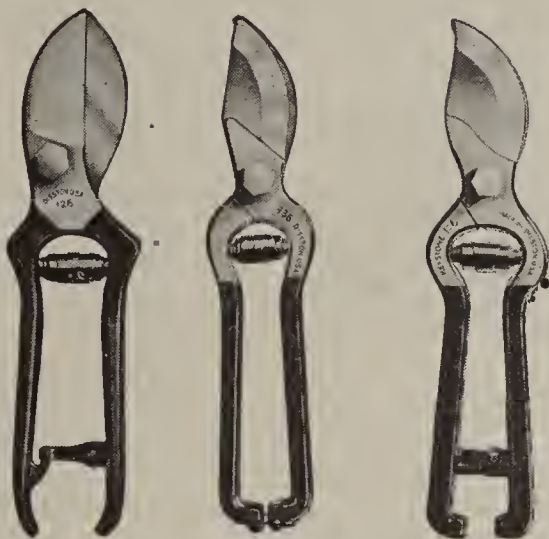
No. 554. **Champion.** One-man. 3-ft. blade.....\$3 50  
No. 122. **Great American.** Two-man. 5-ft. blade..... 5 50



100

156

109



126

136

116

### Pruning Shears

If Pruning Shears are wanted by Parcel Post, add 10c. each for postage.

No. 100. **Michell's.** 9-in.....\$4 00  
No. 156. **Disston.** 8 1/2-in..... 3 00  
No. 126. **Disston.** 8 1/8-in..... 1 65  
No. 136. **Disston.** 9-in..... 1 15  
No. 116. **Disston.** 9-in..... 90  
No. 5945. **Elbersmit.** 9-in..... 2 75  
No. 23. **Levin**..... 70  
No. 5. **Michell's.** 9-in..... 45  
No. 109. **Wiss.** 8-in..... 3 25

**Spiral Springs** for any of the above Pruning Shears (excepting French), 20c. each; doz. \$2.00. For French Pruning Shears, 35c. each.

### Pruning Gloves

	Pair
No. 280. Horsehide, with gauntlets, lined	\$1 70
No. 217. Horsehide, with gauntlets, not lined	1 50
No. 228F. Horsehide, no gauntlets, not lined	2 25

**Eazy Wear Garden Gloves.** All leather. 70  
If wanted by Parcel Post, add 10c. for postage.

### Pruning Compound

Used for painting the wounds of trees after pruning.

Ot.....\$0 45  
Gal..... 1 40

### Grafting Tool

Made of best steel, for grafting trees, etc. Price, \$1.10 (by Parcel Post, \$1.20).



### Grafting Wax

1/4 lb. 18c.; 25c. per 1/2 lb. (by Parcel Post, 30c.); 1 lb. 45c. (by Parcel Post, 55c.).



### Horticultural Knives

A good Knife is an essential to every gardener and florist. Our Knives are all of the best steel and guaranteed to give good satisfaction.

### Wostenholm English

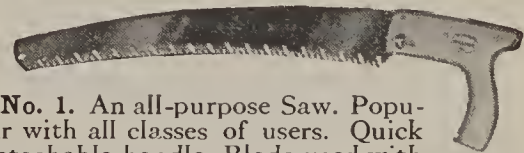
No. 7705 **Pruning.** 1 blade. Stag handle. Each Extra heavy.....\$3 00  
7940 **Budding.** 1 blade. White handle. 2 75  
7954 **Budding.** 2 blades. White handle 3 25  
7956 **Budding.** 2 blades. White handle 3 75  
17051 **Pruning.** 2 blades. White handle. 3 25

### American

R1955 **Budding.** 1 blade. White handle. \$0 90  
105 **Pruning.** 1 blade. Cocoa handle. 1 00  
727W. **Budding.** 2 blades. White handle. 1 15  
04993. **Budding and Pruning.** 2 blades. Stag handle..... 1 00  
**Florists' Favorite.** 1 blade. White handle 90

### Speed Saws

A patented Saw with new-design teeth in groups of 2 slicer teeth and one planer tooth. Made of the best rust-resisting steel, in excellent finish, and used by many for every purpose.



TR No. 1. An all-purpose Saw. Popular with all classes of users. Quick detachable handle. Blade used with pole pruner for cutting high limbs from ground. 16-in. blade. Price, \$3.50.

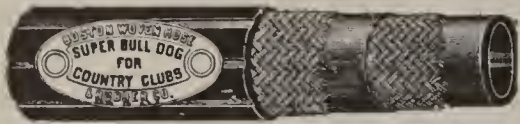


TR No. 3-14. Preferred by utilities, telephone companies and tree surgeons. 1 3/4 in. at point and 3 3/4 in. at butt. Use No. 102 gauge when filing. Price, \$4.35.

A supply of these Accessories will save time and money

## MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



### Rubber Hose

	Per ft.
Michell's Special. 1/2-in.	\$0 14
Michell's Special. 5/8-in.	15
Michell's Special. 3/4-in.	16
Electric. You cannot kink it. 1/2-in.	18
Electric. 5/8-in.	19
Electric. 3/4-in.	22
Super Bull Dog. Green. 3/4-in.	22
Torrent. Red. 3/4-in.	20
Spray Pump Hose. 3/8-in.	15

All brands come in reels of 500 feet and sections in any length to that number of feet may be had. 25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 20c. per pair for couplings attached.

### Hose Washers (Rubber)

	1/4 lb.	Lb.	By P. P.
3/4-in.	\$0 15	\$0 50	\$0 60
1-in.	30	95	1 05



Caldwell Band as applied to Hose



### Hose Bands (Caldwell's)

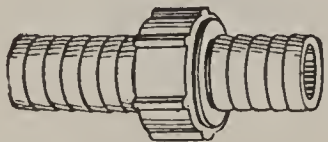
If wanted by Parcel Post, please add 5c. per doz. and 15c. per gross for postage.

	Doz.	Gross
No. 8. For 4-ply hose	\$0 40	\$4 00
No. 6. For 3-ply hose	40	4 00

Pliers for above, 35c. per pair (by Parcel Post, 45c.).

### Sure Grip

Can be furnished in 1/2-in., 5/8-in. and 3/4-in. size at 5c. each; doz. 40c. (by Parcel Post, 50c.); \$2.60 per 100 (by Parcel Post, \$2.70).



### Brass Hose Couplings

	Pair	Doz.	By P. P.
1/2-in.	\$0 25	\$2 60	\$2 70
5/8-in.	25	2 60	2 70
3/4-in.	25	2 60	2 70
3/8-in., long shank	30	3 00	3 15

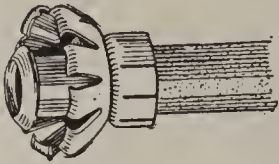
### Perfect Hose Couplings

Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2- and 3/4-in. hose—mention which is wanted when ordering. 30c. per pair (by Parcel Post, 35c.); doz. pairs \$3.30 (by Parcel Post, \$3.55).

### Hose Menders

If wanted by Parcel Post, add 10c. per doz. for postage.

	Each	Doz.	100
Cooper's. 3/4-in.	\$0 10	\$0 90	\$6 00
Cooper's. 5/8-in.	10	90	6 00
Cooper's. 1/2-in.	10	90	6 00



### Perfect Hose Menders

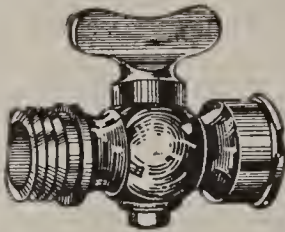
For 1/2- and 3/4-in. hose, 12c. each; doz. \$1.10 (by Parcel Post, \$1.20); \$7.50 per 100.

### Noscrew Hose Clamp

Installed instantly; no screw-driver or tools of any kind required. For 1/2-in., 5/8-in., and 3/4-in. hose. 9c. each; doz. 90c.

### Siamese Hose Connection

This permits one lead of hose to be diverted in two directions. Additional two-way connections can be used, according to the water pressure. Price, 95c. (by Parcel Post, \$1.05).



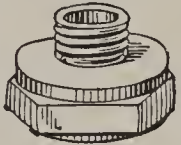
### Shut-Off Connection

Cast-brass, polished, 3/4-in. male thread on one end and 3/4-in. female thread on the other. Price, \$1.10 (by Parcel Post, \$1.20).

### Tradur Hose Connectors

These complete your hose equipment by adding efficiency and convenience. They save you time and money and please your men. They stay on the job.

Faucet Part. 3/4-in.	\$0 25
Hose Part. 3/4-in.	65
Complete Set	90



fit regular 3/8-in. hose. Price, 50c. (by Parcel Post, 60c.).

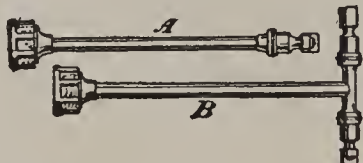
### Hose Reducers

Reduces 1-inch pipe to fit regular 3/4-in. hose. All brass. Price, 30c. (by Parcel Post, 40c.).

Fig. 966. Reduces 3/4-in. pipe to fit regular 3/8-in. hose. Price, 50c. (by Parcel Post, 60c.).

### Stott's Spray Nozzles

A. Single..\$1 75  
B. Double. 2 75



### Paradise Nozzle

10-in.....\$2 50 | 18-in.....\$3 00

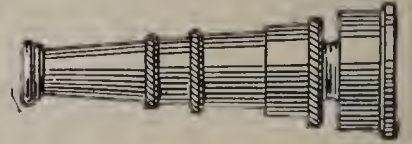
### Flaring Rose Sprinkler

Ejects a fan-like spray. Especially adapted for sprinkling flowers. Price, 50c. (by Parcel Post, 60c.).



### Boston Spray Nozzle

For 3/4-in. hose Each By P. P.  
Light Copper.....\$1 40 \$1 50  
Heavy Brass.....1 25 1 35

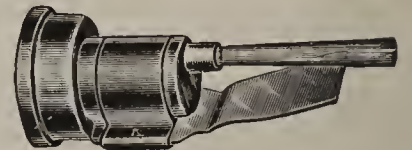


### Gem Pattern Nozzle

For 3/4-in. hose. Price, 55c. (by Parcel Post, 65c.).

### Binks Nozzle

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. Price, \$3.25 (by Parcel Post, \$3.35).



### Champion Brass Nozzle

A dandy Nozzle for greenhouse use. Easily adjusted. Price, 50c. (by Parcel Post, 60c.).

### Michell's Garland Nozzle

A fine nozzle for watering benches. Price, 50c.

### Hydrant Attachments

Used for attaching hose to smooth faucets.

	Each	P. Post
No. 2. For small spigot	\$0 55	\$0 65
No. 3. For large spigot	60	70

### Aprons

For protecting the clothing while watering, etc.

	Each
Rubber	\$1 75
Blue Denim	1 00

### Liquid Manure Distributor

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. Price, \$2.75 (by Parcel Post, \$2.85).



### Rubber Funnel Strainer

For quickly straining and pouring liquids into any compressed-air sprayer tank. 4-in. diam., non-collapsible, removable brass, nicked Strainer. Price, 30c.

### Album of Floral Designs

By ROBERT KIFT

Gives valuable information on the use of ribbons offered on page 91. 138 designs. List of flowers in season. Each design is numbered and a removable descriptive list in a pocket in back of book gives a description and range of price. 148 pages, 7 1/2 x 9 1/2. Price, cloth, \$1.00.

## MICHELL'S SPRAYING APPARATUS



No. 3 Paragon Sprayer

### Paragon Sprayers

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash.

No. 0. Capacity, 3 1/2 gals. Equipped with 4-ft. Hose, a 3-ft. Spray Pipe, and 3 Spray Nozzles. Price, \$12.75.

No. 1. With a 6-gal. Reservoir. Equipped with 5-ft. Hose, 5-ft. Spray Pipe, and 3 Nozzles. Price, \$17.00.

No. 3. With 12-gal. Tank mounted on a Truck, 7 1/2-ft. Spray Pipe, 3 Nozzles, and 10-ft. Hose. Price, \$22.50. Without Truck, \$18.25.

We can also supply this Sprayer with single wheel at same price.



No. 4 Paragon Sprayer

No. 4. Capacity, 28 gals. Mounted on a two-wheel Truck, with 10-ft. Spray Pipe, 20-ft. Hose, and 3 Nozzles. Price, \$38.50.

No. 5. Capacity, 50 gals. Equipped with 25-ft. Hose, 10-ft. Extension Pipe, 3-way Spray Nozzle, and one Single Spray Nozzle, no Truck. Price, \$42.50. With Truck, \$67.50.

B41. **Extra Washers** for Pump Plungers for Paragon Sprayers, 25c. each.

### Fittings for Paragon Sprayers

No. E85. Two-way Spray .....	\$2 50
No. B35. 2 1/2-ft. Extension Pipe.....	50
No. E86. Y Fitting .....	1 00
No. B 7. Hose Coupling, Complete .....	1 00
No. B18. Strainer .....	1 15
No. B10. Female Hose Coupling .....	70
No. B20. Stop-Cock .....	90
No. B24A. Mist Spray Nozzle, Complete.	90
No. B22. Brass Hose Bands .....	10

**Hose for Paragon Sprayers.** 3/8-in. 18c. per ft.

### Gould Spray Pumps

This make of Spray Pump has been favorably regarded by gardeners, farmers, and fruit-growers for years.

**Pomona.** No. 1744. Plain Barrel Pump, no Hose, Nozzle, or Barrel. Price, \$19.50.

**Pomona.** No. 1744. Outfit C, with Agitator, 25-ft. 1/2-in. Special Spray Hose and Mistry Jr. Nozzle (no barrel). Price, \$23.90.

**Fruitall.** Plain Pump, no Hose, Nozzle, or Barrel. Price, \$11.00.

**Fruitall.** Outfit C, with Agitator, 25-ft. lead of 1/2-in. Special Spray Hose and Mistry Jr. Nozzle (no barrel). Price, \$15.40.

**Barrels.** 50-gal. capacity. Price, \$6.75.

**Truck.** With 3 1/2-in.-tire wheels. Price, \$23.75.



### Myers Kwikfill Compressed-Air Sprayer

No. 2242. Galvanized Tank; capacity, 4 gals. 18-in. Brass Extension Rod. Weight, 13 lbs. Price, \$6.00.

No. 2242B. Brass Tank; capacity, 4 gals. 18-in. Brass Extension Rod. Weight, 13 lbs. Price, \$10.50.

### Myers New Idea Knapsack Spray Pump

No. 1330. Galvanized Tank; capacity, 4 gals. 18-in. Brass Extension Rod. Weight, 15 lbs. Price, \$14.00.



1688



1691



1074 1/2



1692

### Spray Nozzles (3/8-in. thread)

	Each
<b>Mistry, Jr.</b> (Fig. 1688). Straight style...	\$0 90
<b>Mistry, Jr.</b> (Fig. 1691). Angle style.....	90
Fig. 1074 1/2. Y connection for making a double spray-head nozzle.....	35
<b>Bordeaux</b> (Fig. 1692).....	1 20

If Nozzles are wanted for 3/4-in. hose connections, add 60c.

Parcel Post charges cover postage and special packing required



### Vermorel Knapsack Sprayer

A new Knapsack Sprayer which works on the compressed-air principle. Compact in construction and light in weight, so that it can be easily carried around. Price, \$15.00 (by Parcel Post, \$15.30).

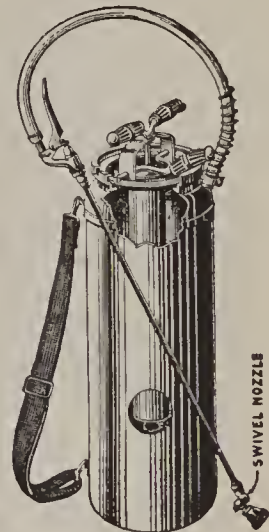
### Auto Spray

A compressed - air Sprayer with open head and strongly reinforced corrugated tank.

No. 4B. **Brass Tank.** Capacity, 4 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$11.00 (by Parcel Post, \$11.30).

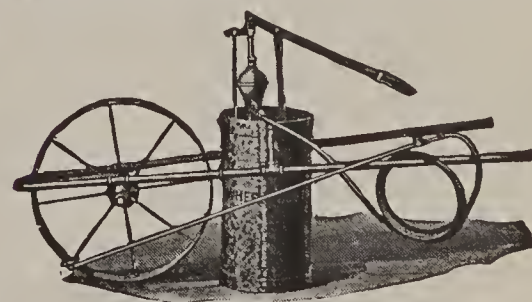
No. 4D. **Steel Tank.** Capacity, 4 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$7.00 (by Parcel Post, \$7.25).

No. 3D. **Steel Tank.** Capacity, 3 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$6.00 (by Parcel Post, \$6.25).



Auto Spray

**Auto-Pop Nozzle Attachment.** Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, Price, Plain, \$1.40 (by Parcel Post, \$1.50); complete, with Hose, \$2.00 (by Parcel Post, \$2.15).



### Wheelabout Sprayer

Narrow enough to go through the aisles of a greenhouse, the extreme width being 18 inches. The 24-inch wheel, with a 3-inch tread, makes it easily handled over soft and rough ground. Pump has 1 1/2-inch diameter cylinder, with adjustable stroke. Equipped with 12-gallon Galvanized Tank, 10-ft. Hose, 4-ft. Extension Pole, Nozzle, and Shut-off Valve. Price, \$33.50.

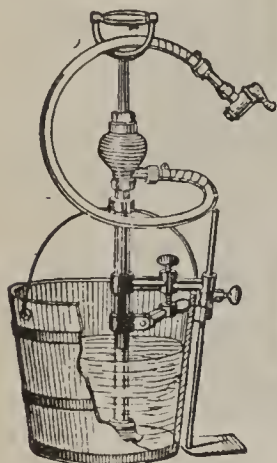
Here are some mighty good Dusters

## MICHELL'S SPRAYING AND INSECTICIDE APPARATUS

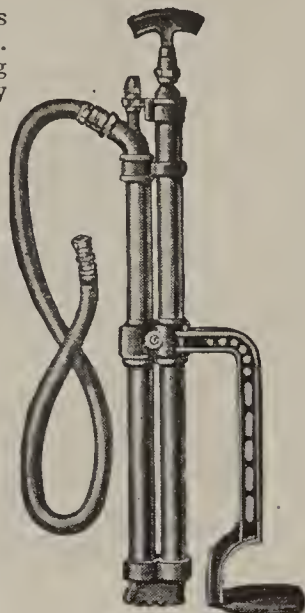
Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

### Myers' Bucket Pump

This is a double brass chamber arrangement. Price, \$4.25, including Hose and Nozzle (by Parcel Post, \$4.50).



Perfect Success



Myers' Pump

### Bucket Spray Pump

The prices below do not include Bucket, but include Nozzle and 3½-ft. ¾-in. hose. No. 689. **Perfect Success** (with Bucket Fastener). Price, \$7.75 (by Parcel Post, \$8.00).

### Wheelbarrow Sprayer

No. 50. Adapted for spraying vegetable crops, flowers, orchards, etc., also for spraying disinfectants. Steel frame; galvanized Tank; all-brass Pump; all working parts brass. 8-ft. Hose. Price, \$15.50.



### Hand Sprayers

Michell's. (Compressed Air.) See cut. Each P. Post

Tin.....\$0 85 \$1 00  
Brass..... 1 65 1 80

### Dome-Top Sprayer

No. 335. Adapted for long service. Easy filling, cleaning and locking. Copper tank, seamless brass pump. Capacity, 1 qt. Price, \$1.95.

### Extension Pipes, Etc.

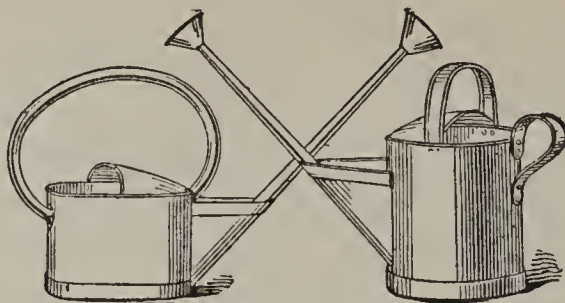
For reaching into trees (¾-in. threads). Each  
**Bamboo.** Brass lined. 8-ft.....\$5 50  
**\*Brass.** For Auto Sprays. 2-ft..... 60  
**Pet Cock.** For extension pipes..... 90  
**\*Paragon Extension.** 2½-ft..... 50  
\*If wanted by Parcel Post, add 10c. for postage



### Michell's Watering Cans

Made of light galvanized iron.

4-qt.....\$0 85  
6-qt..... 95  
8-qt..... 1 10  
10-qt..... 1 25  
12-qt..... 1 40  
16-qt..... 1 75



### Watering Cans (Wotherspoon)

Galvanized, extra heavy, with long spout and two roses—one coarse and one fine.

	Round	Oval
4-qt.....	\$4 50	
6-qt.....	4 75	\$5 50
8-qt.....	5 25	5 75
10-qt.....	5 75	6 00
12-qt.....	6 25	6 50
16-qt.....	7 25	7 75
4-qt. Fern or Low.....	3 75	

**Extra Roses** for Wotherspoon Watering Cans, either coarse or fine, 50c. each.



Double-Action Duster

### Vermorel Duster

A knapsack machine for dusting various kinds of powdered insecticides. Capacity, 6 qts. (dry measure).

	Each	P. Post
<b>Single-Action Duster</b> .....	\$11 00	\$11 30
<b>Double-Action Duster</b> .....	15 00	15 30



### Heavy Brass Syringes

No.	Diam.	Length	Price	P. Post
99.	1½ in.	18 in. 1 spray.....	\$3 25	\$3 45
101.	1¾ in.	14 in. 2 sprays....	3 75	3 95
101A.	1½ in.	16 in. 2 sprays....	4 50	4 70
110.	1¾ in.	20 in. 2 sprays....	7 75	7 95
120.	1¾ in.	20 in. Adjustable..	8 50	8 70



### Hudson Duster

No. 606. Adapted for small truck farms, gardens, small orchards, and vineyards, as well as cemeteries and other places. Will handle all agricultural dusts. Four-blade, high-speed fan. Equipment includes 2 Nozzles, Y connection, and 4 15-in. Telescoping Tubes. Made of heavy steel and machine-cut gears. Price, \$10.00.



### Brown's Crystal Duster

A new type Duster recommended for use in dusting truck crops in the garden, flower-beds, etc. The glass-jar feature enables the operator to see the amount of dust in the container; equipped with a long extension and adjustable nozzle. Capacity, 1 qt. Price, \$1.50.

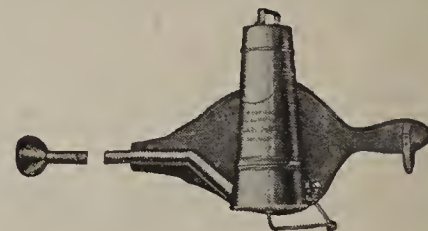
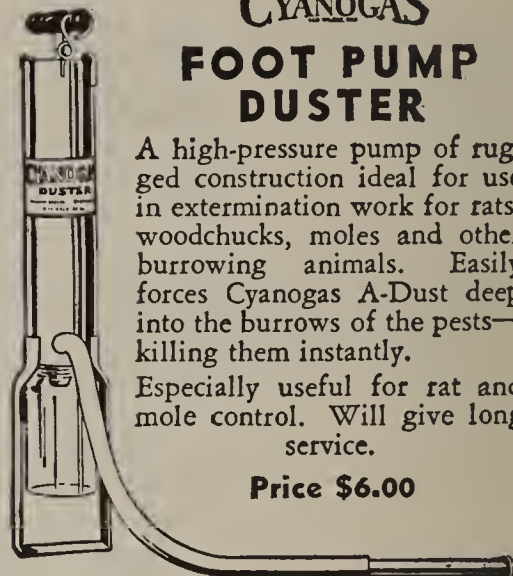
### CYANO GAS

### FOOT PUMP DUSTER

A high-pressure pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

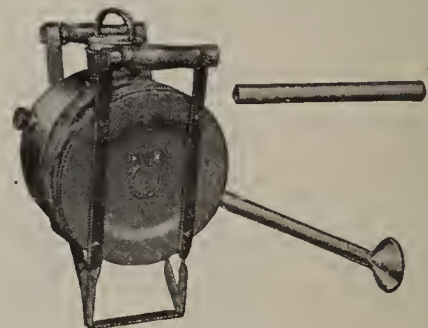
Especially useful for rat and mole control. Will give long service.

Price \$6.00



### "Famos" Hand Duster

An ideal machine for those who need a small but efficient Duster. It is of light, compact, sturdy construction, and equipped with 24-in. Extension Pipe. The fan-shaped Spreader can be adjusted to throw dust on the under side of foliage or at any angle desired. Especially adapted for applying sulphur. Capacity, 1 lb. Price, \$6.00.



### "Green" Hand Duster

Capacity, 2 to 4 lbs. Powerful bellows. 30-in. Extension with Spreader. Price, \$7.00.

ALL PRICES SUBJECT TO MARKET CHANGES

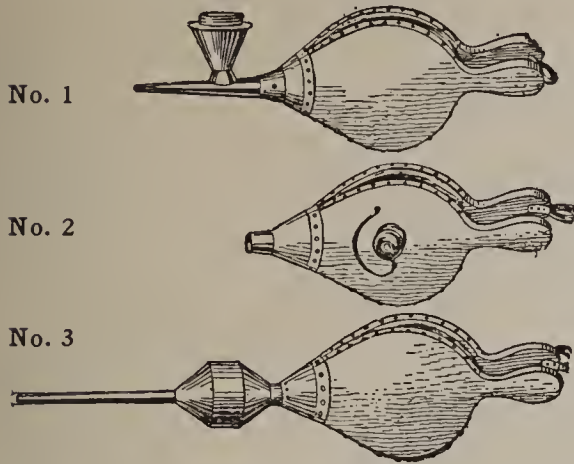
See pages 92 and 93 for complete line of Insect Destroyers



# Michell's Thermometers are dependable

## MICHELL'S SUNDRIES FOR FLORISTS, ETC.

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



	Each	P. Post
<b>Small Single-Cone.</b> (No. 1.)	\$2 75	\$2 95
<b>Sulphur.</b> (No. 2.)	3 75	3 95
<b>Large Double-Cone.</b> (No. 3.)	6 00	6 25
<b>Large Single-Cone.</b>	4 25	4 45



### Vaporizing Lamp

All metal; practical and indestructible. Burns kerosene. Used for dispensing fumes of Nikoteen and other preparations of this sort. 70c. each (by Parcel Post, 80c.); 6 for \$3.75 (by Parcel Post, \$4.00); \$7.00 per doz. (by Parcel Post, \$7.25).

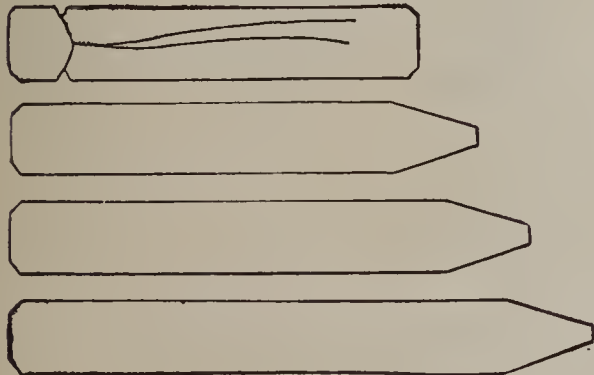
### Wire Baskets

Complete with hanger

	Each	Doz.	100
8-in.	\$0 20	\$2 25	\$17 00
10-in.	30	3 50	25 00
12-in.	50	5 50	38 00
14-in.	60	6 75	49 00
16-in.	75	8 25	60 00

### Vases

No.	Each	P. Post
5. <b>Iron.</b> Medium; green	\$0 60	\$0 70
6. <b>Iron.</b> Large; green	75	90
6. <b>Galvanized.</b> Large	90	1 05
5. <b>Galvanized.</b> Medium	75	85
2. <b>Tin.</b> Enameled; large		
Doz. \$1.10; \$12.50 per gross.	10	



### Tree Labels, Etc.

	100	1000
<b>Wood, Iron Wired.</b> Plain	\$0 25	\$2 15
<b>Wood, Iron Wired.</b> Painted	35	2 50
<b>Wood, Copper Wired.</b> Plain	30	2 15
<b>Wood, Copper Wired.</b> Painted	40	2 50
<b>Copper Sheet, Wired</b>		
Doz. 30c.	1 75	
<b>Zinc Sheet, Wired</b> Doz. 30c.	1 75	
<b>Indelible Marking Pencils.</b> Each	15c.	

### Painted Pot Labels

	No. in pkg.	100	1000
4-in.	1000	\$0 25	\$2 00
4½-in.	1000	25	2 15
5-in.	1000	35	2 30
6-in.	1000	40	2 60
8-in.	250	90	6 00
10-in.	250	1 10	7 50
12-in.	100	1 20	10 00
18-in., for field use.		4 50	39 00

The 18-in. Field Labels are not painted.

If Labels are wanted by Parcel Post, add 10c. per 100, or 20c. per 1000 for postage, except on 10-, 12-, or 18-in.

### Economy Pot and Tree Labels

A wonderful Label made of almond wood, which will hold the marking for a considerable time, and, owing to the nature of the wood used, it is not necessary to paint them. Very desirable for those who use Labels in large quantities. Extremely well made.

Pot Labels—	No. in pkg.	1000
4-in.	1000	\$1 50
5-in.	1000	1 80
6-in.	1000	2 00
8-in.	250	5 00
10-in.	250	6 00
12-in.	250	9 00

**Tree Label, Copper Wired.** 3½-in. .... 1 90

### Celluloid Pot Labels

Made of white celluloid. Excellent for greenhouse use.

	Doz.	100
No. 21. 4 x 5/8 in.	\$0 25	\$1 90
No. 22. 5 x 3/4 in.	35	2 75



### Simplex Weatherproof Plant Labels

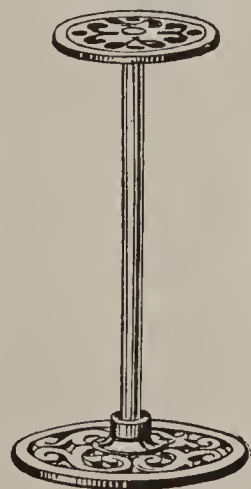
The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

	Doz.	100
No. 1. 3 x 1/2 in.	\$0 40	\$2 85
No. 2. 4 x 3/4 in.	75	4 75
No. 3. 5 x 1 in.	95	6 75

If wanted by Parcel Post, add 10c. per 100, for postage.

### Simplex Weatherproof Garden Label

	Each	Doz.
Iron stake, 2 feet long.		
No. 10. 2¾ x 1½ in.	\$0 25	\$2 75



### Iron Plant Stands

Enameled green.

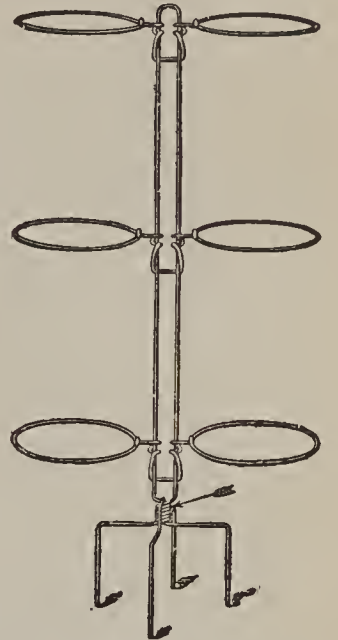
Size of Plates	Each
12 in. 5 x 7 in.	\$1 50
18 in. 5 x 7 in.	1 80
24 in. 8 x 10½ in.	2 60
30 in. 8 x 10½ in.	2 75
36 in. 8 x 10½ in.	3 00
42 in. 8 x 10½ in.	3 25
48 in. 8 x 12 in.	3 50
60 in. 8 x 12 in.	3 75
72 in. 8 x 12 in.	4 25

### Extra Plates for Stands

	Each
5-in.	\$0 65
7-in.	80
8-in.	95
10½-in.	\$1 25
12-in.	1 50

### Carnation Supports

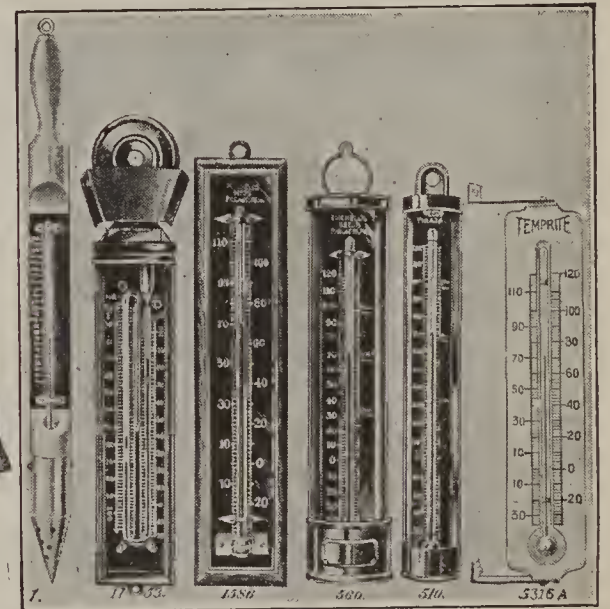
The best double Support on the market. Made of Nos. 11 and 14 galvanized wire, 28 in. high. Can be put together in less than a minute; will not fall apart. \$11.50 per 100; per 1000, \$100.00.



Carnation Support

### Michell's Snapdragon Supports

The only Support of the kind on the market and indispensable to the proper growing of this popular plant. Doz. \$2.00; \$15.00 per 100.



### Thermometers

**No. 1757. Maximum and Minimum.** Registers the coldest and the warmest points during the previous night. 10-in., Black Tin Case. Price, \$5.50.

Tested Grade.	Each	Doz.
No. 506. Tin Case. 8-in.	\$0 65	\$7 00
No. 510. Tin Case. 10-in.	75	8 00
No. 556. Greenhouse. 8-in.	1 15	12 00
No. 560. Greenhouse. 10-in.	1 35	15 00
No. 656. Copper Case. 10-in.	2 00	
No. 1582. Wood Back. 8-in.	1 75	
No. 5127. Temprite Greenhouse. 8-in. White enamel, red column	1 00	11 25
No. 5316A. Temprite Window or Wall. 8-in. White enamel, red column.	1 00	11 25

### Dairy Thermometer

No. 5715. For use also in testing soil. .... \$0 45

### Hotbed Thermometer

No. 20450. Iron Point. Oxidized finish... 2 75

### Recording Thermometer

No. 200. Can be equipped with either a daily or weekly chart, enabling the grower to keep an accurate record of the temperature in his greenhouse during every hour of the day and night. Has a high-grade clock and ink stylus which marks very accurately. When ordering, state if weekly or daily record chart is desired. Price, \$40.00 (f.o.b. factory, \$39.00).

MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued



**Thermostats**

Furnished complete with the exception of wire, battery, and bell. All brass. Price, f.o.b. Philadelphia.

No. GH3. Not waterproof style. Price, \$10.50 (f.o.b. factory, \$10.00).

No. GH4. Waterproof style. Price, \$16.00 (f.o.b. factory, \$15.00).

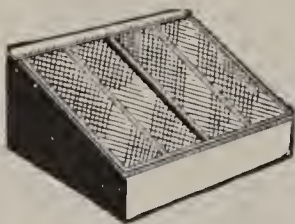
**Flex-O-Glass**

A glazed cloth used in place of glass for poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water, and wind. 3 ft. wide.

Cut pieces.....\$0 23  
Full roll lots (100 yds.)..... 21

**Cel-O-Glass**

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your coldframes and hotbed sashes and for such important new uses as cylinders and cones for individual plants, forcers for row plants, and newly planted seeds. Can be used where ordinary glass cannot, and is much lighter. Sashes are easier to handle. Not affected by hail, snow, rain or wind and cannot break like glass. Flexible, easy to cut and use, highly translucent; lets in the ultra-violet rays of sunshine. The new improved Cel-O-Glass lasts twice as long and saves heavy lifting, breakage, and repair expense.



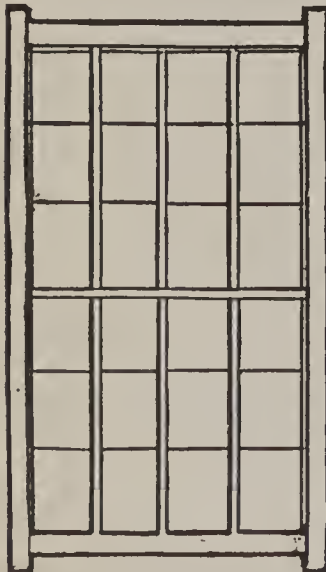
Per Running ft.  
28 in. wide, cut pieces.....\$0 28  
Full rolls (100 ft.)..... 26  
36 in. wide, cut pieces..... 36  
Full rolls (100 ft.)..... 34

**Micell's Wagon Heater**

For heating wagons and delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$5.00.

**Coal for Wagon Heaters**

Price, \$1.15 per 20 briquettes; per 100 bricks, \$7.75.



**Hotbed Sash**

**Philadelphia Style**  
Made of best-quality cypress. Size, 3 ft., 1 1/2 in. wide, 6 ft. long, 1 3/4 in. thick. Plain, not glazed or painted. Price, \$3.50.

**Complete**, put-tied, glazed and painted with two coats of aluminum paint. Price, \$7.00.

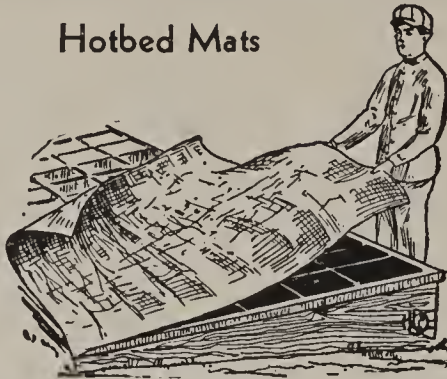
Packing Charges on all Glazed Sash, 50c. per Sash additional.

All Glazed Sash are shipped at purchaser's risk.

**Burlap**

For covering shrubbery, etc. Per Yd. Plain Green  
3 ft. wide, cut pieces.....\$0 13 \$0 19  
Full pieces, 100 yds..... 12 18  
40 in. wide, cut pieces..... 14 21  
Full pieces, 100 yds..... 13 20  
4 ft. wide, cut pieces..... 15 23  
Full pieces, 100 yds..... 14 22

**Hotbed Mats**

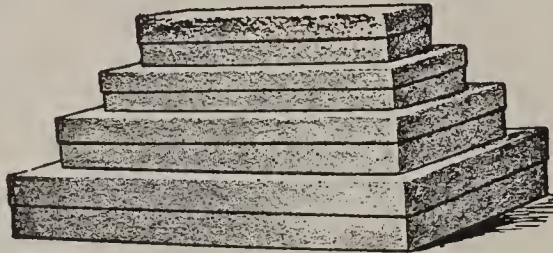


The Burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

**Burlap, Non-Waterproof.**

76 x 76 in., covering two regular size sash. Price, \$3.75 each; doz. \$44.00.  
40 x 76 in., for one sash. Price, \$2.25 each; doz. \$24.50.

Burlap one side, Waterproof Drill one side.  
40 x 76 in. Price, \$2.75 each; doz. \$31.50.  
76 x 76 in. Price, \$4.50 each; doz. \$49.00.



**Cut-Flower Boxes (Corrugated Paper)**

Used almost exclusively for carrying and shipping cut-flowers, as they are lighter than wooden ones. Prices include clips for setting up.

	Each	Doz.	100
48 x 14 x 8 in.....	\$0 60	\$5 00	\$30 00
42 x 14 x 8 in.....	50	4 00	26 00
36 x 14 x 6 in.....	45	3 50	20 00
30 x 12 x 6 in.....	40	2 75	18 00
24 x 8 x 5 in.....	25	1 75	12 00

**Double Telescope Box**

Made of 175-pound test board, one size only—48 x 14 x 8 in. Can be shipped by express without crating. Price, 75c. each; doz. \$6.50; \$50.00 per 100.

**Boxes for Store Use**

Mist-green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila mist, tan, and Oxford gray, can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipment from factory in about two weeks.

	Price f.o.b. Philadelphia	Price f.o.b. factory
Doz.	100	100
16 x 4 x 3 in.....		\$2 80
*18 x 5 x 3 in.....	\$0 60	\$4 00
20 x 4 x 3 in.....		3 20
21 x 5 x 3 in.....		3 60
21 x 7 x 3 1/2 in.....		5 20
*24 x 5 x 3 1/2 in.....	85	6 25
*24 x 8 x 4 in.....	1 10	8 00
24 x 8 x 5 in.....		7 20
28 x 8 x 4 in.....		7 20
*28 x 8 x 5 in.....	1 60	11 00
30 x 5 x 4 in.....		6 16
*30 x 10 x 6 in.....	2 00	14 70
*30 x 12 x 7 in.....	2 60	19 00
36 x 6 x 5 in.....		9 60
*36 x 8 x 5 in.....	2 00	14 00
36 x 10 x 6 in.....		14 40
42 x 8 x 5 in.....		14 40

Sizes marked \* are carried in stock at Philadelphia; the other sizes are shipped from the factory in New York State in lots of not less than 50 of a size.

**Parcel Post Cut-Flower Boxes**

For shipping cut-flowers. Made of brown fibre board. (F.o.b. factory only) 100

25 x 5 x 4 in.....	\$9 00
24 x 8 x 5 in.....	12 00
28 x 8 x 5 in.....	13 60
30 x 14 x 8 in.....	24 80
36 x 12 x 7 in.....	24 40
13 x 9 x 6 in.....	9 60
20 x 20 x 8 in.....	23 60
24 x 24 x 10 in.....	32 80

**Violet and Corsage Boxes**

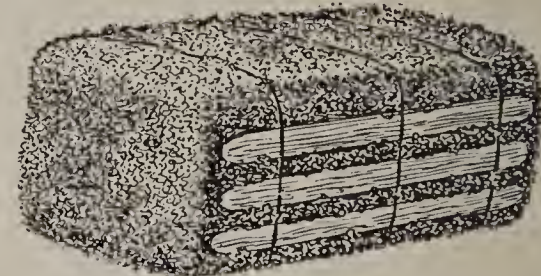
	Price f.o.b. Philadelphia	Price f.o.b. factory
	100	100
8 x 5 x 5 in.....	\$4 20	\$3 35
9 x 6 x 5 in.....	4 50	3 60
12 x 6 x 5 in.....	5 50	4 40
13 x 9 x 6 in.....	7 70	6 15
15 x 6 x 5 in.....	6 25	5 00

**Design Boxes**

Manila-lined board in heavy weights.

	Price f.o.b. Philadelphia	Price f.o.b. factory
	100	100
16 x 16 x 8 in.....	\$14 00	\$11 20
18 x 18 x 8 in.....	15 40	12 30
20 x 20 x 8 in.....	17 50	14 00
24 x 24 x 8 in.....	23 00	18 40

**Special Note.** When it is desired to have Boxes printed, please add \$2.00 to prices named, regardless of quantity.



**Moss**

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

**Sphagnum, Live or Green.** Pk. 35c.; \$1.00 per bus.; bbl. \$2.50.

**Sphagnum, Dry.** Bbl. bag \$1.00.

**Sphagnum, Dry.** Finest quality. Burlapped bale \$2.50; \$23.50 per 10 bales.

**Green Lump.** Pk. 40c.; \$1.25 per bus.; bbl. bag \$2.00.

**Green Sheet.** Bag \$2.25.

**Wired Toothpicks**

Regular Size		P. Post
1000.....	\$0 40	\$0 50
10,000.....	2 75	3 00
50,000.....	11 00	
<b>3-in., dyed green.</b>		
Box, 8000.....	3 50	3 75
Case, 40,000.....	15 50	
<b>4-in., dyed green.</b>		
Box, 4500.....	3 00	3 25
Box, 10,000.....	6 00	
<b>6-in., dyed green.</b>		
3000.....	2 75	3 00
10,000.....	8 00	

**Wired Toothpick Holder**

A handy device for holding wired toothpicks. Price, \$2.25 (by Parcel Post, \$2.40).

**Spray Bulb**

Can be used for spraying either liquid or powder. Spray-head is removable. Price, 50c.

**Tape**

For tying boxes and packages.

**Christmas Red.** 1000-yd. spools \$3.50 (by Parcel Post, \$3.65).

**Moss Green.** 1000-yd. spools \$3.00 (by Parcel Post, \$3.15).

## MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

### Paper for Wrapping Boxes and Flowers

	Lb.	1/2 ream	Ream
<b>Manila.</b> For wrapping ..	\$0 16	\$2 00	\$3 50
<b>Manila Tissue</b> .....	20	1 00	1 50
<b>Wax, White.</b> Best quality. 24 x 36 in. ....	30	1 25	2 25
<b>Wax, Green.</b> Best quality. 24 x 36 in. ....	35	1 30	2 35
<b>Green Wax.</b> In 3-in. wide rolls, for wrapping frames of designs. Price, per roll 25c.; \$2.50 per doz. rolls.			

### Tinfoil

If wanted by Parcel Post, please add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.

	Width	Lb.	5 lbs.	10 lbs.
<b>Plain</b> (5-lb. rolls) ..	5 in.		\$1 00	
<b>Plain</b> .....	5 in.	\$0 21	1 00	\$1 90
<b>Plain</b> .....	6 in.	21	1 00	1 90
<b>Violet Foil</b> .....	6 in.	40	1 75	
<b>Green Foil</b> .....	6 in.	40	1 75	

Ask for prices on large quantities of Foil

**Tinfoil Holder and Cutter** for rolls of Tinfoil. Price, 85c. (by Parcel Post, \$1.00).

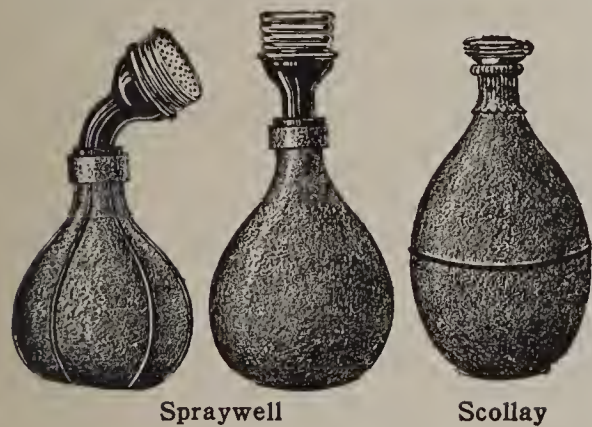
### Parafilm

An all-purpose film for floral decorations and unequaled for stem-wrapping, wedding work, boutonnières, table decorations, etc. Up-to-date florists are using Parafilm in preference to tinfoil. Rolls are 2 inches wide, 90 feet long, and furnished in the following 12 colors, each carefully selected to harmonize with flower tones: White, Green, Moss-Green, Red, Orchid, Lavender, Light Pink, Dark Pink, Yellow, Silver, Gold, and Metallic Green.

Roll .....	\$0 70
Box of 6 rolls .....	3 75
Case of 12 boxes .....	42 20

### Greening or Florists' Hair Pins

Save valuable time in making designs. Price, \$1.90 per 10-lb. box (by Parcel Post, \$2.10).



Spraywell

Scollay

### Rubber Sprinklers

For sprinkling cut-flowers, seedlings, etc. Spraywell style in either straight or crook neck.

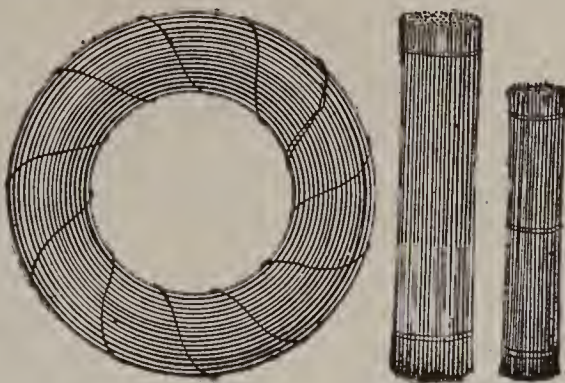
No.	Style	Capacity	Each
No. 1.	Spraywell Style	6-oz.	\$0 75
No. 2.	Spraywell Style	8-oz.	90
No. 3.	Spraywell Style	10-oz.	1 10
No. 1.	Scollay	12-oz.	1 25

### Cut Bouquet Wire

For stemming flowers, etc.

In 9-, 12-, or 18-in. lengths

No. 18.	20c. per lb.; per box (12 lbs.),	\$1.40.
No. 20.	25c. per lb.; per box (12 lbs.),	\$1.70.
No. 21.	25c. per lb.; per box (12 lbs.),	\$1.75.
No. 22.	25c. per lb.; per box (12 lbs.),	\$1.90.
No. 24.	30c. per lb.; per box (12 lbs.),	\$2.35.



### Wire, Annealed

Prices subject to change

No. 16.	12-lb. stone .....	\$1 20
No. 18.	12-lb. stone .....	1 25
No. 20.	12-lb. stone .....	1 45
No. 22.	12-lb. stone .....	1 60
No. 24.	12-lb. stone .....	1 80
No. 24.	Bright annealed. Spools of about 8 ozs. Price, 20c. each; per doz.,	\$1.75.

### Galvanized

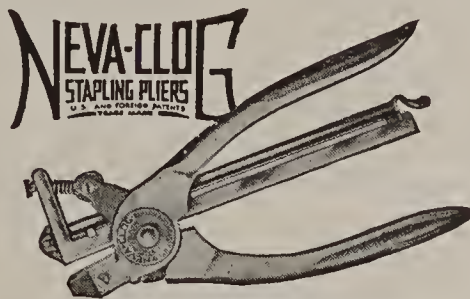
No. 16.	12-lb. stone .....	\$1 15
No. 18.	12-lb. stone .....	1 30
No. 19.	12-lb. stone .....	1 45
No. 20.	12-lb. stone .....	1 65
No. 22.	12-lb. stone .....	1 85
No. 19.	Tinned. Cut to 8 1/2 in. long, 10-lb. box .....	2 00



### Wire Snips

If wanted by Parcel Post, add 10c. each for postage.

No. 369.	7-in.; serrated edge; long blade ..	\$1 50
No. 833.	7 1/2-in.; short blade .....	1 25
No. 832.	8 in.; long blade .....	1 40
No. 12.	8-in.; heavy .....	1 35
No. 10.	11-in.; heavy .....	2 15



### Neva-Clog Stapling Pliers

Operated in the hand like a pair of scissors. Staples are fed in one strip fastened together in cartridge form. Has an ejector which automatically throws out accidentally closed staples. 100 staples to a cartridge. Price, \$4.50.

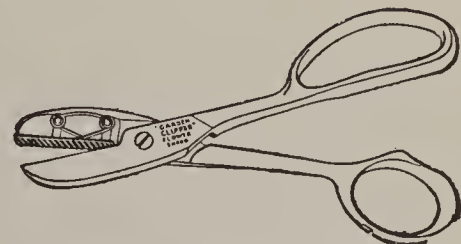
### Neva-Clog Staples

Box (1000) 45c.

### Carnation Mending Devices

**Staples.** For calyx mending. 30c. per 1000; per 5000, \$1.45; \$2.70 per 10,000; per 25,000, \$6.50; \$12.50 per 50,000.

**Rubber Bands.** Oz. 20c.; 75c. per 1/4lb.; lb. \$1.75.



### Eversharp Flower Shears

No. 1248. Wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, 70c. (by Parcel Post, 80c.).

### Misto Bottle Sprayer

For applying water to cut-flowers, funeral and other design work. Makes a fine mist, avoiding all drip. Made of metal, nicely nicked. Price, with bottle, \$1.25 (by Parcel Post, \$1.35); per 6, \$7.00 (by Parcel Post, \$7.25).



### Bauer Carnation Outfits

**Pliers and 1000 Clips.** Price, \$3.50.

**Pliers.** Price, \$2.50.

**Clips.** Price, \$1.00 per 1000.

See page 77 for Carnation Supports

### Savo Flower-Boxes

For windows, porches, sun-parlors, etc.

The Savo Flower- and Plant-Boxes are made of the best grade of galvanized steel, with neat, round corners and a full roll rim. The watering is easy, the drainage ample, and the air-circulation perfect. Green enamel finish inside and out prevents rust or leakage. They will last in constant use many years. Reservoir requires water about every ten days to two weeks.

	Height	Width	Length	Price
<b>Model A</b> .....	8 in.	9 1/2 in.	23 in.	\$3 25
<b>Model B</b> .....	8 in.	9 1/2 in.	29 in.	4 00
<b>Model C</b> .....	8 in.	9 1/2 in.	35 in.	4 50
<b>Model D</b> .....	8 in.	9 1/2 in.	41 in.	5 00

These are outside measurements, including the 3/4-in. roll rim. Special sizes made to order when required.

### The Perfecto Flower-Box

Air-circulating; Self-irrigating

Recognized as the correct idea in construction for growing house and porch plants. The self-irrigating system provided by the inner plate, with the raised connecting troughs, equalizes the water into a perfect distribution to the roots. Constructed of coppered steel, finished in green enamel.

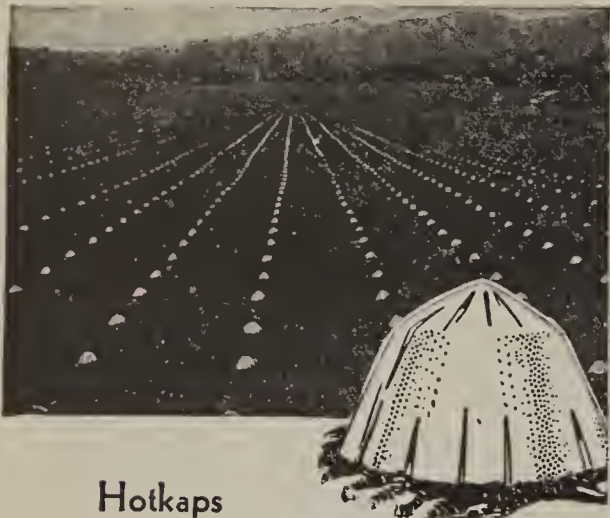
Can also be furnished in ivory color at an additional cost of 25c. each.

Length	Depth	Width	Price
20 in.	6 in.	7 in.	\$1 45
26 in.	6 in.	7 in.	1 65
32 in.	6 in.	7 in.	1 90
38 in.	6 in.	7 in.	2 75
44 in.	6 in.	7 in.	3 35

See our complete line of Flower Baskets, pages 82 to 85

MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



**Hotkaps**  
Earlier, More Profitable Crops

**Hotkaps** can make many extra dollars for you this season. They are patented wax-paper cones, "individual hothouses for each plant," that completely cover them, and **fully protect** them from frost, wind, rain, ground-crusting and insects. This is your assurance of earlier, bigger crops, and higher early-to-market prices. **Hotkaps** are inexpensive and easy to use. One man can "set" over 3000 per day.

Write us about **Hotkaps** or order your season's supply now.

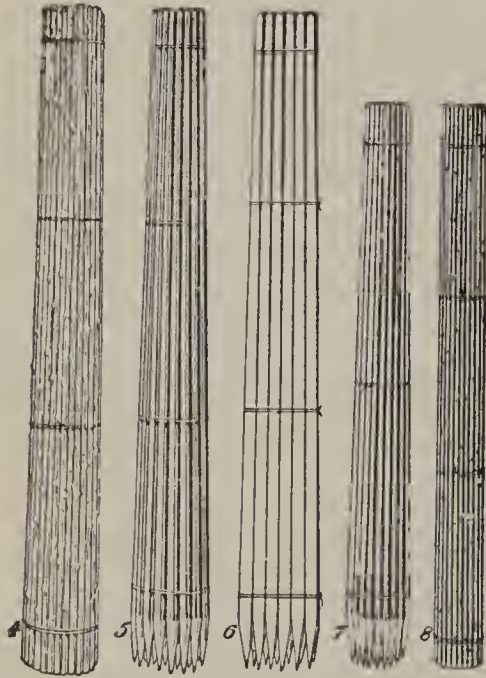
Prices, 1000 lots, \$9.75; 5000 lots, \$9.50 per 1000; 10,000 lots, \$9.00 per 1000.

250 Trial Pkg., including papier mache Garden Setter with Tamper, \$3.65.

100 Home Garden Pkg., including papier mache Garden Setter with Tamper, \$2.40.

Hotkap Steel Setter with Tamper, \$2.25.

Weights: 1000 pkg. **Hotkaps**, 26 lbs.; 250 pkg., 9 lbs.; 100 pkg., 5 lbs.; Steel Hotkap Setter, 3 lbs.



Key to above illustration: No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green

**Plant Stakes**

**No. 10 Steel Wire, Galvanized**

	Doz.	100	1000
2 -ft.	\$0 20	\$1 25	\$9 00
2½-ft.	25	1 40	11 50
3 -ft.	30	1 50	14 00
3½-ft.	35	1 80	15 50
4 -ft.	40	2 25	19 50
4½-ft.	45	2 50	20 00
5 -ft.	50	3 00	22 50
6 -ft.	60	3 50	26 00

**Plant Stakes**

**No. 8 Steel Wire, Galvanized**

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000
2 -ft.	\$0 25	\$1 40	\$12 00
2½-ft.	30	1 65	14 50
3 -ft.	35	2 00	17 00
3½-ft.	45	2 50	21 00
4 -ft.	50	2 75	22 00
4½-ft.	55	3 00	24 75
5 -ft.	65	3 50	29 50
6 -ft.	75	4 00	33 50

**Green-Painted Tapering Plant Stakes**

	Doz.	100
1½-ft.	\$0 30	\$1 75
2 -ft.	50	3 25
2½-ft.	60	4 50
3 -ft.	80	6 00
3½-ft.	1 05	7 50
4 -ft.	1 25	9 00
5 -ft.	1 50	11 00

**Green-Painted Heavy or Dahlia Stakes**

	Doz.	100
3-ft.	\$1 35	\$9 50
4-ft.	1 85	13 00
5-ft.	2 30	16 75
6-ft.	2 80	20 00

**Square Painted Plant Stakes**

	Doz.	100
1½-ft.	\$0 30	\$1 65
2 -ft.	50	2 25
2½-ft.	60	2 75
3 -ft.	1 05	7 00
4 -ft.	1 15	9 00
5 -ft.	1 75	12 75
6 -ft.	2 00	14 25

**Hyacinth Stakes**

**Wood Dyed Green**

	100	1000	5000	10,000
12-in.	\$0 25	\$1 00	\$4 75	\$9 00
15-in.	30	1 15	5 40	10 50
18-in.	35	1 25	6 00	11 50

**Split Bamboo Stakes**

	1000	5000
Pointed on one end.		
12-in.	\$1 00	\$4 75
15-in.	1 15	5 40
18-in.	1 25	6 00

**Ash Wood Plant Stakes**

	Doz.	100
3-ft.	\$0 60	\$4 00
4-ft.	85	6 00
5-ft.	1 00	7 50
6-ft.	1 65	12 50

**Japanese Cane Stakes**

These are very attractive for all purposes of plant staking. Thin and very strong.

	100	1000	2000
1½-ft., Green	\$0 35	\$1 65	\$2 50
2 -ft., Green	45	2 25	3 25
2½-ft., Green	55	2 75	4 25
3 -ft., Green	65	3 25	5 00
3½-ft., Green	80	4 00	6 50
4 -ft., Green	1 00	4 75	7 50
5 -ft., Green	1 15	6 50	10 50
6 -ft., Natural	1 35	8 00	13 50

**Chinese Tonkin Bamboo Stakes**

A heavy, substantial stake for dahlias, ivy, young trees, etc.

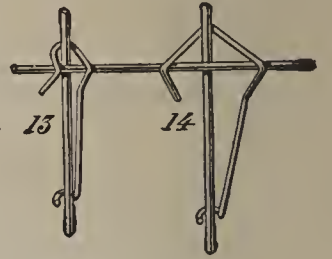
	100	1000
4 ft. high, 3/8-in. diam.	\$2 75	\$21 00
6 ft. high, 5/8- to 3/4-in. diam.	4 00	32 00

**Stake Fasteners**

**Everlasting Style.** Heavy. Price, \$1.50 per 500; per 1000, \$2.50; \$12.00 per 5000. See illustration No. 14.

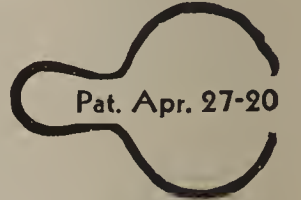
**Eureka Style.** Light. Price, \$2.00 per 1000; per 5000, \$9.50. See illustration No. 13.

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.



**Lightning Wire Stake Tie**

Takes the place of twine; can be used more quickly and many times. Price, \$2.00 per 1000 (by Parcel Post, \$2.15); per 5000, \$9.00 (by Parcel Post, \$9.30); \$18.00 per 10,000.



**Poles for Tree Pruners**

12 ft. long, 1½ in. diam. \$2 25  
14 ft. long, 1½ in. diam. 2 75

**Bamboo Poles**

	Doz.	100
16 ft.	\$2 25	\$13 50
18 ft.	3 00	18 00
20 ft.	3 50	22 50



Silkaline Green Sea Island

**Twines, Etc.**

If Twine is wanted by Parcel Post, add 10c. per lb. for postage.

	Ball	Lb.
<b>No. 108. White Cayuga Twine.</b>		
Medium	\$0 30	\$0 55
<b>No. 208. White Cayuga Twine.</b>		
Heavy	30	55
<b>Jute.</b> 2-ply and 3-ply.		
5 lbs. \$1.00; \$1.95 per 10 lbs.	12	22
<b>Linen Bouquet.</b> 3 lbs. \$2.40	20	85
<b>Green Sea Island.</b> 5 lbs. \$3.00	10	65
<b>Special White Cotton.</b> 3-ply	15	45
<b>Special White Cotton.</b> 4-ply	15	50
<b>Tarred.</b> For mat-making	30	
<b>Tarred Sisal.</b> For fodder		17
<b>Binder.</b> 5-lb. balls, 70c.; \$3.25 per 5 balls; 10 balls \$6.00.		
<b>No. 6. Express.</b> Very heavy	20	
<b>No. 4½. Jap Twine.</b> Medium heavy		25
<b>Green Silkaline.</b> F, fine; FF, medium; FFF, coarse. Spool 30c.; \$2.00 per lb. (8 spools).		
<b>Everbest Twine.</b> A green linen thread. Spool 20c.; \$1.25 per lb.; 5 lbs. \$5.75; \$11.00 per 10 lbs.		

**HORMODIN**

**(The Root-Forming Chemical)**

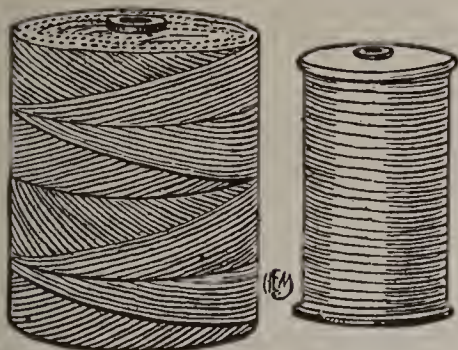
A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them in the bench. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size, \$1.00; \$2.00 per 60-unit size; 240-unit size, \$7.00; \$13.00 per 480-unit size; 960-unit size, \$24.00.

ALL PRICES SUBJECT TO MARKET CHANGES

# The uses of Peat Moss are almost unlimited

## MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



Peerless

Raffiatape

### Florists' Peerless Twine

For tying up flower-boxes, designs, etc. Very attractive. Color, Nile green. 1-lb. tube 65c.; \$3.10 per 5 lbs.

### Raffia

We make a careful selection of long, broad strands for our trade.

**Natural Color.** 30c. per lb. (by Parcel Post, 40c.); 5 lbs. \$1.40 (by Parcel Post, \$1.55).

**Green.** 65c. per lb. (by Parcel Post, 75c.); 5 lbs. \$3.00 (by Parcel Post, \$3.15).

### Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about 1/8 in. wide, and comes 250 yards to a spool. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green. Spool of 250 yds. 60c. (by Parcel Post, 70c.); \$3.50 per 6 spools (by Parcel Post, \$3.70).

### Glazing Points

**Peerless No. 1 and 2.** For single-thick glass.

**No. 2 1/2.** For double-thick glass. 65c. per 1000 (by Parcel Post, 70c.); 5000 for \$3.10 (by Parcel Post, \$3.30).

**Pincers.** For driving Peerless Points. 90c. per pair (by Parcel Post, \$1.00).

**Siebert's Style Points.** Zinc. Three sizes, 5/8-, 3/4-, and 7/8-inch. 40c. per lb. (by Parcel Post, 50c.); 5 lbs. \$1.85 (by Parcel Post, \$2.00); \$3.50 per 10 lbs. (by Parcel Post, \$3.70).

**Zinc Nails.** 5/8-, 3/4-, and 7/8-inch. 40c. per lb. (by Parcel Post, 50c.); 5 lbs. \$1.85 (by Parcel Post, \$2.00).



No. 1. Peerless.  
No. 2. Siebert's.  
No. 3. Zinc nails.



### Glass Cutters

**No. 8. Small Diamond.** Ebony handle. \$6 50

**No. 8A. Large Diamond.** Mahogany handle. 7 00

**Single Wheel.** Steel. Doz. \$2.50. 25

**6-Wheel.** Adjustable. 45

### Putty Distributor

The best appliance for distributing putty. Price, \$1.50 (by Parcel Post, \$1.60).



Mastica Machine



Putty Distributor

### Mastica

Mastica is a prepared putty which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily. Gal. \$2.75; \$13.50 per 5 gals.

**Mastica Machine.** Price, \$3.25 (by Parcel Post, \$3.35).

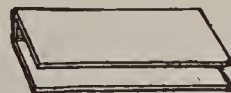
### Black Glazing Cement (Masticote)

For waterproofing greenhouse gutters, roofs, etc.; also for making sash-bars water-tight. Gives excellent satisfaction. Apply with a mastica machine. Gal. \$1.35; \$6.50 per 5 gals.; 1/2 bbl. (35 gals.), \$1.10 per gal.; bbl. (55 gals.), \$1.00 per gal.

### Keystone Liquid Glazing Putty

Especially adapted for glazing wood and metal sash. Can be applied with a putty bulb or gun, making a perfectly water-tight job. Gal. \$2.25; \$9.50 per 5 gals.; 1/2 bbl. (about 30 gals.), \$1.70 per gal.; bbl. (about 50 gals.), \$1.55 per gal.

### Peerless Glass Repair Clamp



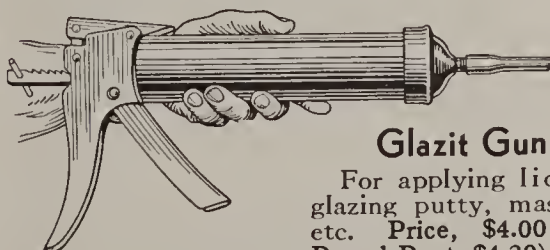
Will not rust. Saves lights of glass worth from 40 to 50 cents each. Price, \$1.75 per 100 (by Parcel Post, \$1.85).

### Greenhouse White Paint

Undoubtedly the best and most economical White Paint on the market today. Gal. \$3.75; \$17.50 per 5 gals.

### Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 feet of glass. 5 lbs. \$3.75; \$16.25 per 25 lbs.



### Glazit Gun

For applying liquid glazing putty, mastica, etc. Price, \$4.00 (by Parcel Post, \$4.20).

See page 78 for Hotbed Sash, Mats, etc.



### Glazing Chisel

Made of fine-quality steel. Price, \$1.30 (by Parcel Post, \$1.45).

### Florists' Sundries

**Bulb Fibre.** Qt. 10c.; 35c. per 1/2 pk.; pk. 60c.; \$1.00 per 1/2 bus.; bus. \$1.50.

**Bull Dog Clips.** For fastening packages, boxes, etc. 65c. per box (1000).

**Carnation Dye, Green.** Pkg. 50c.

**Celery Paper.** Rolls, 3 ft. wide; 167 lineal ft. \$1.75 per roll.

**Celery Tape, Red.** 1000-yard spool \$3.50 (by Parcel Post, \$3.65).

**Celery Tape, Green.** 1000-yard spool \$3.00 (by Parcel Post, \$3.15).

**Charcoal, Lump.** Pk. 40c.; \$1.00 per bus.; bbl. sack \$1.50.

**Charcoal, Ground.** Coarse or fine. 5 lbs. 30c.; \$1.00 per 25 lbs.; 100 lbs. \$3.25.

**Leaf-Mould.** Pk. 45c.; \$1.50 per bus.; bbl. \$2.75.

**Mouse Seed.** For destroying mice. Pkg. 25c.

**Pearl Chips.** For bulb-bowls, aquariums, etc. White and assorted colors. Pkg. 8c.; 45c. per 6 pkgs.; 12 pkgs. 85c.; \$1.50 per 25 pkgs.; per 100 pkgs., \$5.50.

White. In bulk. 10 lbs. 70c.; \$1.25 per 25 lbs.; per 100 lbs., \$4.50.

Assorted colors. 10 lbs. 85c.; \$1.75 per 25 lbs.; per 100 lbs., \$6.00.

**Peat.** Pk. 45c.; \$1.75 per bus.; bbl. \$2.75.

**Peat, Orchid.** Pk. 40c.; \$1.50 per bus.; bbl. sack \$2.75.

**Pebbles.** Qt. 8c.; 55c. per pk.; bus. \$2.00; \$4.00 per sack.

**Pruning Compound or Tree Dressing.** Qt. 45c.; \$1.40 per gal.

**Sand.** For propagating. Pk. 35c.; \$1.25 per bus.; bbl. sack \$2.75.

**Shaderine.** 5 lbs. \$1.25; \$2.40 per 10 lbs.

**Weed Killer, Michell's.** Dilute 1 gallon to 40 gallons of water. Qt. 45c.; \$1.25 per gal.; 5 gals. \$6.00; \$27.50 per 30 gals.; 55 gals. \$42.00.



### Peat Moss, Torf Mull (Imported Granulated)

A moisture-retaining humus and an aid for saving soil fertility. It furnishes the needed organic matter which all soils require. An excellent material for spreading on the lawn, mulching in the flower and vegetable garden, and especially desirable for the rose-bed; used extensively by leading florists for mixing with potting soil, for propagating benches, also for packing bulbs and plants. 1/4-size bale \$1.60; \$3.50 per large bale; 10-bale lots, \$3.25 per bale.

Ask for prices on quantities

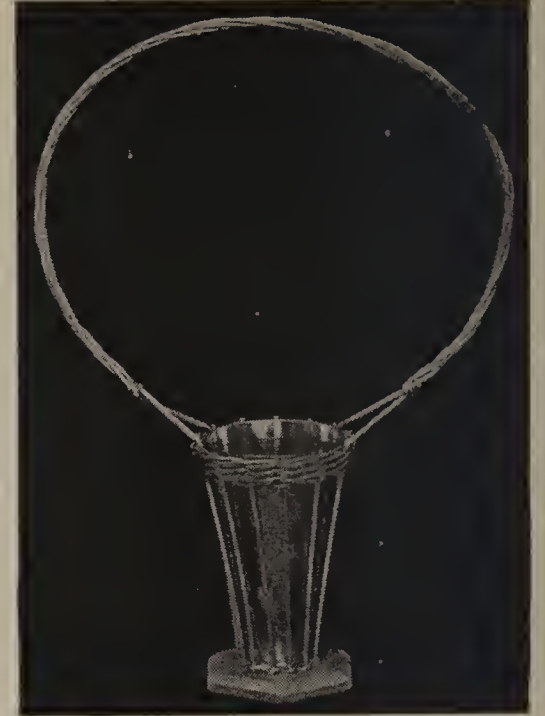
# MICHELL'S FLOWER BASKETS, Gold Star Brand



175



302



222

## Flower Baskets

No.	Dimensions	Each	Doz.
No. 175.	43 in. high; 17 in. deep; 8 in. diam.	\$1 50	\$17 25
No. 302.	26 in. high; 8 in. deep; 7 in. diam.	75	8 50
No. 222.	28½ in. high; 9½ in. deep; 6 in. diam.	65	7 50
No. 101.	24 in. high; 7 in. deep; 6 in. diam.	85	9 50
No. 102.	27 in. high; 9 in. deep; 7 in. diam.	1 25	13 50
No. 103.	36 in. high; 11 in. deep; 9 in. diam.	1 70	19 75
No. 104.	40 in. high; 14½ in. deep; 8½ in. diam.	2 25	24 50
No. 142.	24 in. high; 8½ in. deep; 9 in. long.	65	7 50
No. 252.	32 in. high; 9½ in. deep; 5½ in. diam.	75	8 50
No. 565.	24 in. high; 13 in. long; 6 in. wide; 7 in. deep.	1 20	14 25
No. 214.	26 in. high; 9 in. deep; 15 in. long.	1 35	16 00



101



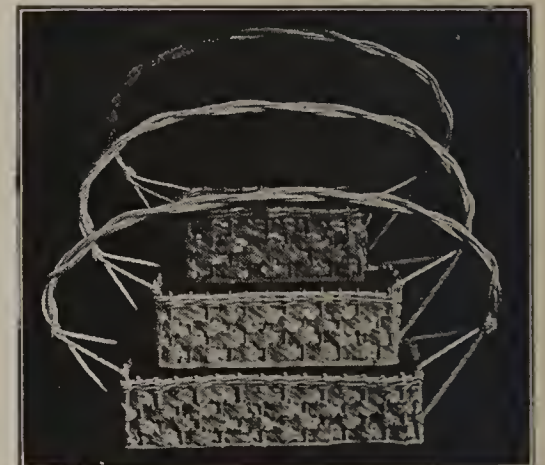
142

## Pillow Baskets

No.	Dimensions	Each	Doz.
No. 742/1.	18 in. high; 14 in. long; 5 in. wide; 5 in. deep.	\$1 10	\$12 00
No. 742/2.	18 in. high; 18 in. long; 6 in. wide; 5 in. deep.	1 25	14 50
No. 742/3.	18 in. high; 21 in. long; 6 in. wide; 5 in. deep.	1 50	17 00

Our Baskets are fitted with water-tight tin liners

ALL PRICES SUBJECT TO MARKET CHANGES



742/1



252

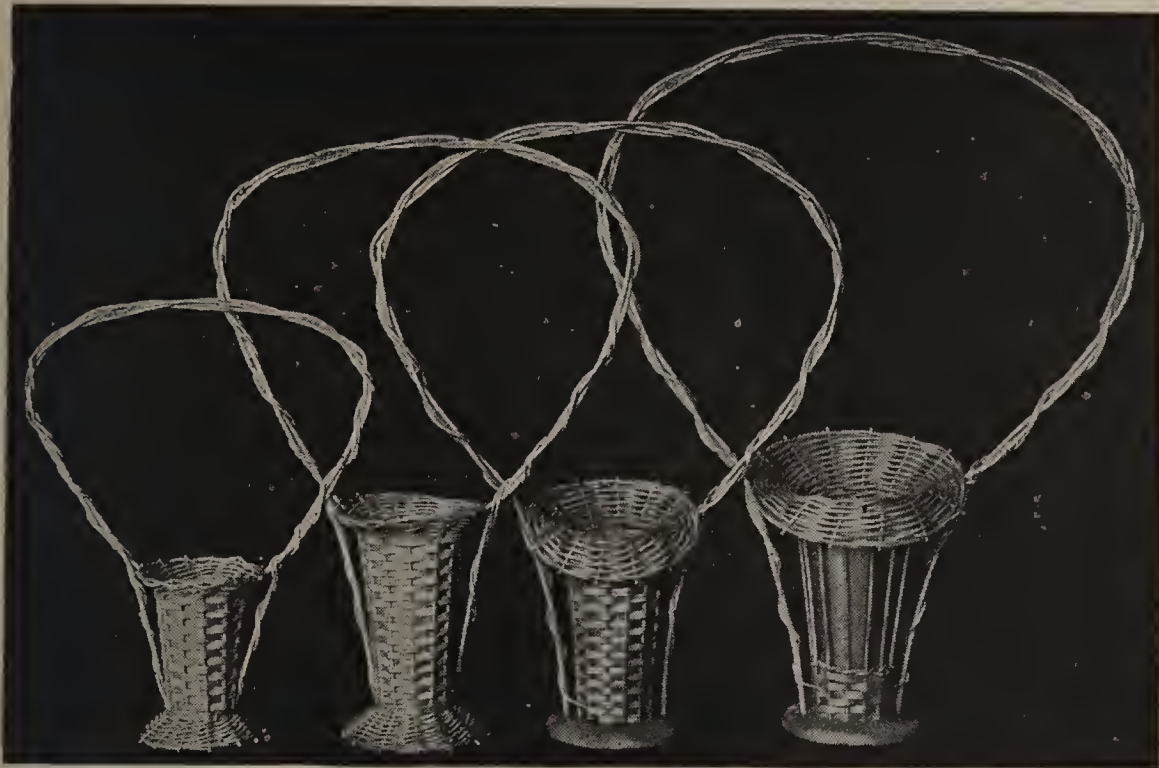


214



565

# MICHELL'S FLOWER BASKETS, Gold Star Brand



C/1

C/2

248/3

942/4



151/3

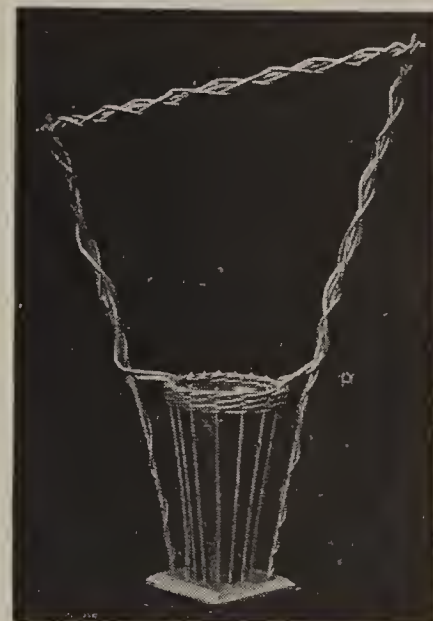
151/1

## Flower Baskets

	Each	Doz.
No. C/1. 18½ in. high; 7½ in. deep; 5½ in. diam.....	\$0 60	\$6 75
No. C/2. 25½ in. high; 10 in. deep; 6½ in. diam.....	75	8 50
No. 248/3. 26 in. high; 10 in. deep; 7½ in. diam.....	80	9 25
No. 942/4. 30 in. high; 11 in. deep; 9½ in. diam.....	1 05	12 00
No. 151/3. 19½ in. high; 7 in. deep; 5 in. diam.....		
	\$45.00 per 100..	50
No. 151/1. 14 in. high; 5½ in. deep; 3½ in. diam.....		
	\$35.00 per 100..	40
No. 23. 24 in. high; 8 in. deep; 5 in. diam. .	\$40.00 per 100..	45
No. 901. 30 in. high; 12 in. deep; 7 in. diam.....	90	10 00
No. 2441. 20 in. high; 6 in. deep; 3½ in. diam.....	35	3 90
No. 2. 23 in. high; 7 in. long; 3 in. wide; 9½ in. deep. . . .	60	7 00
No. 876/1. 17 in. high; 12 in. long; 8½ in. wide; 6 in. deep. .	1 00	11 50
No. 26. 17½ in. high; 8 in. long; 6 in. wide; 5½ in. deep .	55	6 50
No. 1. 18½ in. high; 10 in. long; 5 in. wide; 7 in. deep . . .	75	8 75
No. 101/1. 19 in. high; 7½ in. long; 6 in. wide; 8 in. deep .	65	7 50
No. 101/2. 24 in. high; 8½ in. long; 6½ in. wide; 10½ in. deep . . . . .	80	9 25
No. 101/3. 28 in. high; 11 in. long; 8 in. wide; 12 in. deep. .	1 50	17 50



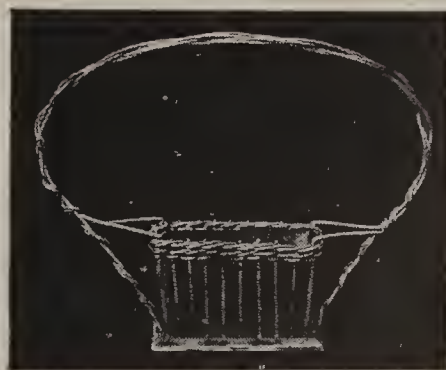
23



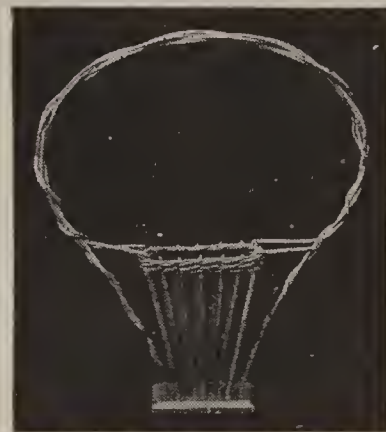
901



2441



1



2



876/1



101/2



26

## Hanson Handy Handle

With Saw-Tooth Grip

Fits any size flange. Colors: Lavender, Pink, Blue, Yellow, Purple, Nile-Green, Red and Green. Price, double wound in reed, \$3.00 per doz.; per 100, \$22.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Flower Baskets are honest all through

MICHELL'S FLOWER BASKETS, Gold Star Brand



400/1

500/1

600/1



121



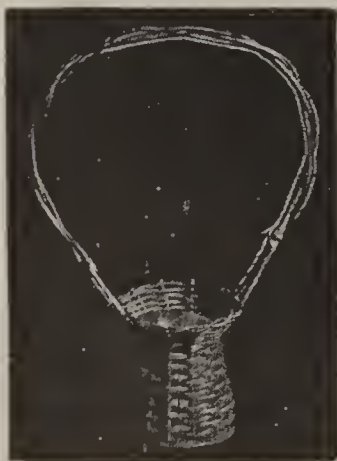
133/4

Flower Baskets

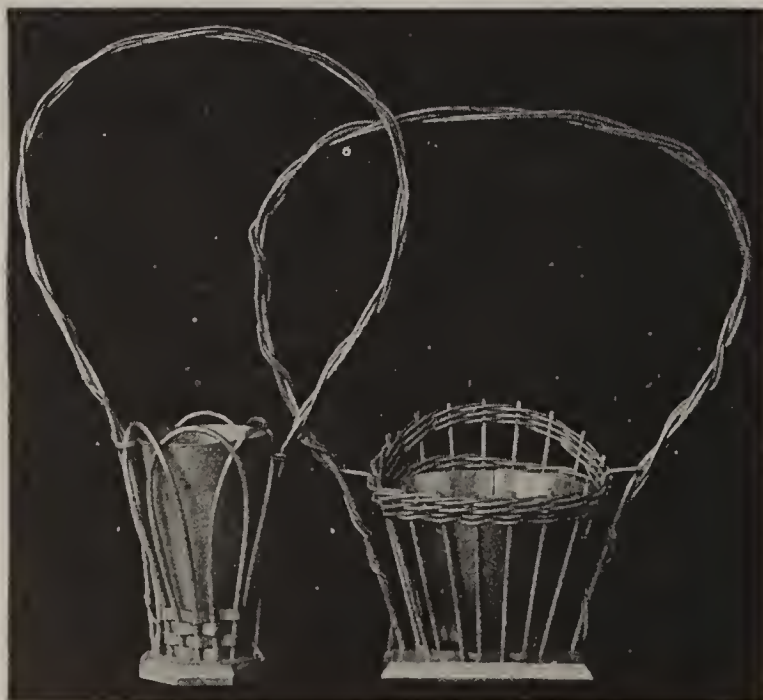
	Each	Doz.
No. 400/1. 9 in. high; 7½ in. diam.....	\$0 55	\$6 25
No. 400/2. 10½ in. high; 8 in. diam.....	70	8 15
No. 500/1. 9½ in. high; 6 in. diam.....	50	5 75
No. 500/2. 11 in. high; 7 in. diam.....	60	6 75
No. 600/1. 7 in. high; 5 in. diam.....	40	4 75
No. 600/2. 9 in. high; 5½ in. diam.....	45	5 00
No. 121. 18 in. high; 7½ in. deep; 6 in. diam.....	60	6 85
No. 122. 23½ in. high; 9 in. deep; 7 in. diam.....	75	8 50
No. 133/4. 30 in. high; 11 in. deep; 4¼ in. diam.....	95	11 00
No. 133/5. 32 in. high; 13 in. deep; 7 in. diam.....	1 10	12 00
No. 129/3. 26 in. high; 9 in. deep; 6 in. diam.....	\$60.00 per 100..	65
No. 129/4. 28 in. high; 10½ in. deep; 7 in. diam.....	75	8 50
No. 129/5. 31½ in. high; 12 in. deep; 7 in. diam.....	95	11 00
No. 129/6. 35 in. high; 14 in. deep; 7 in. diam.....	1 05	12 00
No. 158/1. 21 in. high; 6 in. deep; 6 in. diam.....	60	7 00
No. 137/2. 24 in. high; 8½ in. deep; 4 in. diam.....	70	8 00
No. 137/3. 27 in. high; 10½ in. deep; 5 in. diam.....	95	11 00
No. 137/4. 30 in. high; 13 in. deep; 6½ in. diam.....	1 25	13 50
No. 137/5. 34 in. high; 15 in. deep; 7 in. diam.....	1 60	16 75
No. 75/1. 24 in. high; 10 in. deep; 7 in. diam.....	60	6 75
No. 75/2. 27 in. high; 11 in. deep; 8 in. diam.....	70	8 00
No. 75/3. 30 in. high; 12 in. deep; 9 in. diam.....	75	8 50
No. 300. 24 in. high; 11 in. deep; 11 in. diam.....	70	8 00



129/4



158/1



75/1

300

ALL PRICES SUBJECT TO MARKET CHANGES



137/2

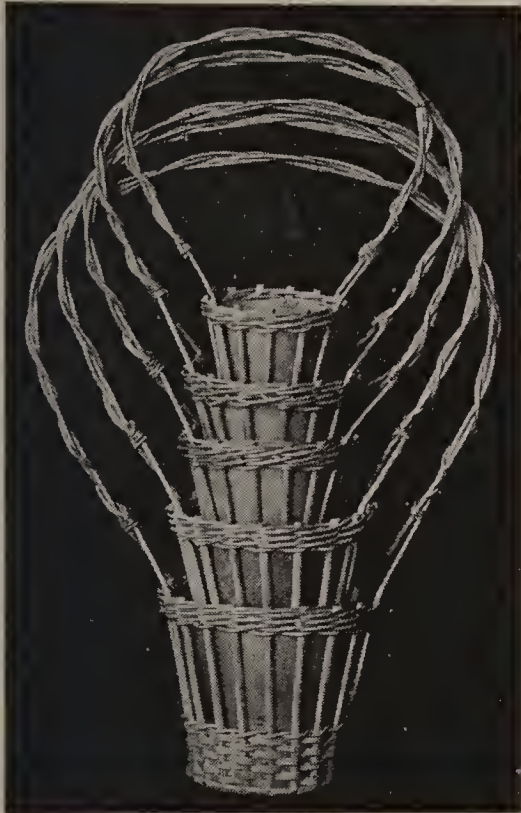
OUR BASKETS  
ARE  
FITTED  
WITH  
WATERTIGHT  
TIN LINERS

SEE PAGE 85  
FOR  
SPECIAL  
ASSORTMENTS  
OF  
BASKETS



Look over these out-of-the-ordinary things

MICHELL'S FLOWER BASKETS, Gold Star Brand



908/4

Plant Baskets

No.		Each	Doz.
908/4.	17 in. high; 5½ in. deep; 7 in. diam...	\$0 60	\$7 00
908/5.	20 in. high; 6½ in. deep; 8½ in. diam.	80	9 25
908/6.	21½ in. high; 7 in. deep; 8½ in. diam.	90	10 25
908/7.	25 in. high; 8 in. deep; 10 in. diam...	1 00	11 50

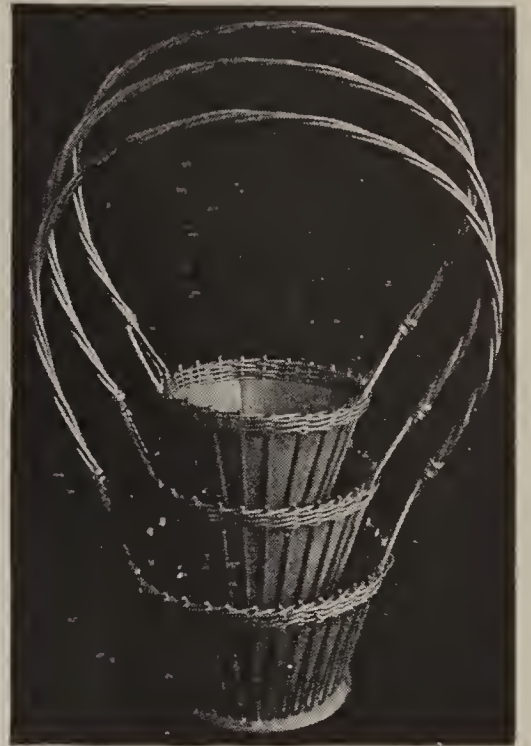
Bulb-Pan Baskets

No.		Each	Doz.
996/6.	20 in. high; 5½ in. deep; 9½ in. diam.	\$0 80	\$9 50
996/7.	21½ in. high; 6 in. deep; 10 in. diam.	1 00	11 25
996/8.	23½ in. high; 6 in. deep; 11½ in. diam.....	1 25	14 00

See page 89 for complete line of Vases, Pot-Covers, etc.

Oak Leaf Sprays

Natural preserved, long sprays for decorative work. Colors: Red, Brown, and Green. 25 lbs. \$6.00; \$11.00 per 50 lbs.; 100 lbs. \$19.00.



996/6

Special De Luxe Assortment No. 1

25 Baskets for \$15.00

This assortment is composed of Cut-Flower Baskets in a variety of colors, some plain and some two-tone. Each Basket complete with liner.

Special Ludlow Assortment No. 2

21 Baskets for \$10.00

This assortment of Baskets will please the florist who wishes a small collection that will meet every need. Every one has a liner that won't leak. A beautiful range of colors.

Special Gold Star Assortment No. 3

15 Baskets for \$7.50

An assortment that contains an excellent combination of Plant and Cut-Flower Baskets. Each is complete with liner, and the assortment of colors is the most that could be desired.



Birch Bark

For use in covering window-boxes and for baskets and decorations. Comes in sheets from 1½ to 2 feet in width, about 10 feet long. Weighs from 2 to 4 pounds to the sheet.

1 lb.....	\$0 30	10 lbs.....	\$2 25
5 lbs.....	1 35	100 lbs.....	20 00

Red Cedar Bark

For covering window-boxes, baskets, or any other article. Sq. ft., 12c.; \$2.25 per 25 sq. ft.; bundle, about 50 sq. ft., \$4.00.

Rustic Cedar Slabs

For covering miniature log-cabins, window- and porch-boxes, urns, etc. 4 ft. long, about 3 in. wide, ½ in. thick, half round, one side plain. Price, 4c. per running foot.

Wheat Sheaves

Extra-heavy weight, fluffy stock. Made of selected bleached Italian wheat by expert designers.

No.		Each	Doz.
No. 1.	15½ in., flat.....	\$0 75	\$7 00
No. 2.	17 in., flat.....	1 25	12 50
No. 3.	19 in., flat.....	1 50	15 00
No. 4.	22 in., flat.....	2 00	20 00
No. 5.	24 in., flat.....	2 50	25 00



Oak Leaf Sprays



Carton Oak

Small oak twigs, especially adapted for wreath, wreathing, or basket-work. Colors: Red, Brown, and Green. 5 lbs. \$1.50; \$6.50 per 25 lbs.

ALL PRICES SUBJECT TO MARKET CHANGES

There isn't a piece of junk in our store

## MICHELL'S FLORISTS' SUPPLIES



Magnolia Wreath

### Plain Round Magnolia Wreaths Made on Mossed Wire

	Each	Doz.
12-in. frame	\$0 65	\$7 50
14-in. frame	85	8 75
16-in. frame	1 00	11 50
18-in. frame	1 25	14 00
20-in. frame	1 50	17 50
22-in. frame	2 15	24 00
24-in. frame	2 75	30 00



Illustration shows the Philly Pin when on leaf. Notice how flat it lies and the firm hold it takes.

### New Philly Fern Pin

A distinct achievement of real value to every florist. Easier to push in place. Easier to handle. Easier on the fingers. The bend holds the leaves firmly. No danger of leaves breaking loose as with the old-style pin. The S-shaped top presses securely on the leaf, making it stay where you put it. And they cost no more than ordinary pins. \$2.00 per 10-lb. box; 10 boxes \$19.25.

### Greening or Florists' Hairpins

Save valuable time in making designs. Price, \$1.90 per 10-lb. box.



Cycas Leaves

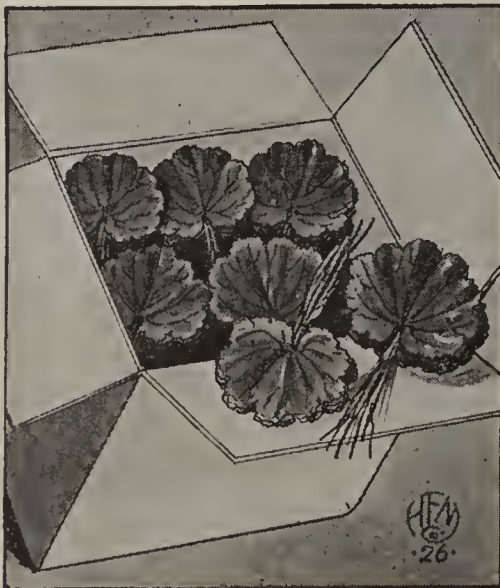
### Cycas Leaves, Green

	10	100
6 to 8-in.	\$0 25	\$2 25
8 to 12-in.	30	2 50
12 to 16-in.	35	2 75
16 to 20-in.	40	3 25
20 to 24-in.	50	3 75
24 to 28-in.	60	4 50
28 to 32-in.	70	5 50
32 to 36-in.	85	6 50
36 to 40-in.	90	7 50
40 to 44-in.	1 00	9 00
44 to 48-in.	1 25	10 00

### Cycas Leaves, Metallic

8 to 12-in.	45	4 50
12 to 16-in.	55	5 50

Prices for larger quantities of Cycas Leaves on application



Galax Leaves (Prepared)

### Galax Leaves, Prepared

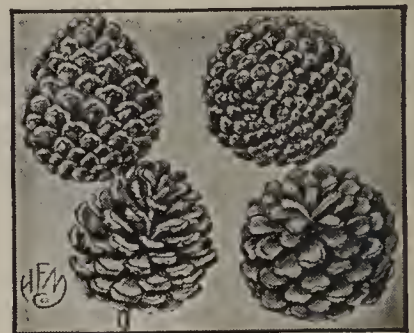
	(2000 in carton)	1000	Carton
Green	\$2 00		\$3 50
Brown	2 00		3 50



### Magnolia Leaves

**Dux Brand.** Extra-selected grade. We can supply these in green, bronze, or brown and purple, and of extra-fine quality.

Standard cartons	\$1 50
10 cartons	14 00
50-lb. cases	9 50
100-lb. cases	18 00
Red leaves, per carton	2 00



### Pine Cones

Assorted colors, 100 in carton	100
Small	\$2 00
Medium	3 00
Large	5 00



Adiantum, or Maidenhair Fern

### Adiantum, or Maidenhair Fern

Small	100	\$4 00
Medium		6 00
Large		7 50
<b>Broken Adiantum.</b> Lb.	\$1.75; \$16.50 per 10-lb. carton.	

### Prepared Asparagus

Natural sprays, chemically treated and preserved	100
Small, 15 in. long	\$5 00
Medium, 24 in. long	7 00
Large, 30 to 36 in. long	9 00

### Asparagus Tips

Selected quality. Valuable between artificial flowers, bouquets, and wreaths. \$2.25 per lb.

ALL PRICES SUBJECT TO MARKET CHANGES

# Artificial Leaves for every purpose

## MICHELL'S FLORISTS' SUPPLIES, continued



**Cattails** 100 1000

**Natural**.....\$2 00 \$18 00  
**Tinted.** All colors..... 2 50

### Gypsophila or Baby's Breath

For basket- or wreath-work. Bunch 90c.; \$10.50 per doz. bunches.

### Lycopodium

Prepared and Dyed Green

Lb.....\$0 35	25 lbs.....\$5 50
5 lbs..... 1 40	100 lbs.....18 50
10 lbs..... 2 50	



**Ruscus**

**Green.** (Painted.) Lb. 50c.; 10 lbs. at 45c. per lb.; 100 lbs. \$40.00.  
**Green.** (Dyed.) Lb. 85c.; 10 lbs. at 70c. per lb.; 25 lbs. at 55c. per lb.; 100 lbs. \$50.00.  
**Christmas Red.** Lb. 85c.; 10 lbs. at 70c. per lb.; 25 lbs. at 55c. per lb.; 100 lbs. \$50.00.  
**Two-toned.** Lb. \$1.00; 5 lbs. at 90c. per lb.  
**Metallic.** (Assorted.) Lb. \$1.00; 10 lbs. at 90c. per lb.



**Statice**

**Natural.** Lb. \$1.25; 10 lbs. at \$1.10 per lb.; 25 lbs. at \$1.00 per lb.; 100 lbs. \$90.00.  
**Colored.** Colors: Blue, Green, Pink, Purple, and Lavender. Lb. \$1.50; 5 lbs. at \$1.45 per lb.; 10 lbs. at \$1.40 per lb. Special prices on case lots.



**Lotus Pods**

Two-toned. Very effective for baskets, vases, or wreaths (without stems, 100 to a carton). \$6.50 per 100.

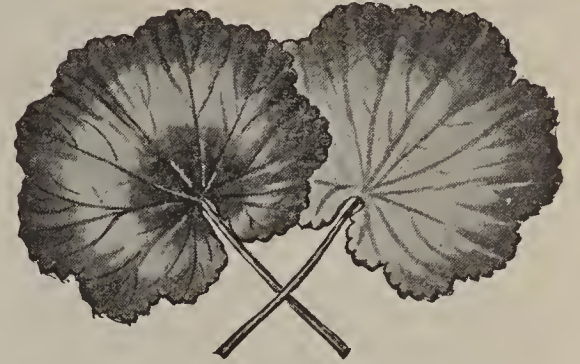


**Thistles**

Plain, tinted, and polychrome. In cartons containing an assortment of these colors. Carton (100) \$2.25; \$16.00 per 1000.

## Artificial Leaves

High-grade leaves for stemming or design work.



**Galax Leaves**

	Gross
Brown.....	\$0 70
Green.....	70
White.....	70
Fancy.....	70



**Maple Leaves**

	Gross
Green.....	\$0 90
White.....	90
Fancy.....	90



**Rose Leaves**

	Gross
Green. Large size.....	\$1 40
Green. Small size.....	90
Shaded. Large size.....	1 40
Shaded. Small size.....	90
Rambler.....	60

### Areca Palm Leaves, Prepared

New crop of excellent quality.

	Bundle of 25	100
18 to 24-in.....	\$2 25	\$8 00
24 to 30-in.....	2 50	9 00
30 to 36-in.....	3 00	11 00
36 to 42-in.....	3 50	13 00

### Cape Flowers, Natural

About 1000 to a pound

Used considerably in funeral work, taking the place of carnations.

**Natural.** \$1.75 per lb.  
**Dyed.** Colors: Red, Green, Pink, Blue, Purple, Orange, and Mixed. \$2.50 per lb.

MICHELL'S FLORISTS' SUPPLIES, continued

**Artificial Flowers (Crepe)**

Suitable for wreaths and design work; best quality imported and domestic grades.



**Apple Blossoms**

No. 300 \$1.75 per gross

**Cornflowers (Bachelor's Buttons)**

No. 389. Blue. \$1.75 per gross

**Daisies**

No. 361. | White, Yellow, Coral. \$1.50 per gross

**Forget-Me-Nots**

No. 4066. Blue. \$1.50 per gross

**Hyacinths**

No. 110. White, Pink, Lavender. \$2.50 per gross

**Lily-of-the-Valley**

No. 337. White. \$1.60 per gross

**Narcissus**

No. 344. Pink, White, Yellow. \$1.50 per gross

**Orchids**

No. 25. Lavender, Pink, White, with lavender center. \$4.00 per 100

**Pansies**

No. 9. Lavender, Purple, Yellow, Lavender and White. \$1.60 per 100

**Poeticus**

No. 105. White, Pink, and Lavender. \$2.00 per gross

**Roses**

No. 47. Pink, White, Lavender, Yellow Tint, Ward, Red, and Pink Tint. \$2.00 per 100

**Rambler Roses**

No. 289. Pink and White. \$2.25 per gross

**Strawflowers (Helichrysum)**

On wired stems. \$1.25 per 100; 500 for \$6.00; \$10.50 per 1000.

**Cape Flowers (Paper)**

Blue, Lavender, Pink, Red, and White. 2000 to a box. \$4.75 per 1000.

**Wax Flowers** Finest quality, heavily waxed

**Calla Lilies**

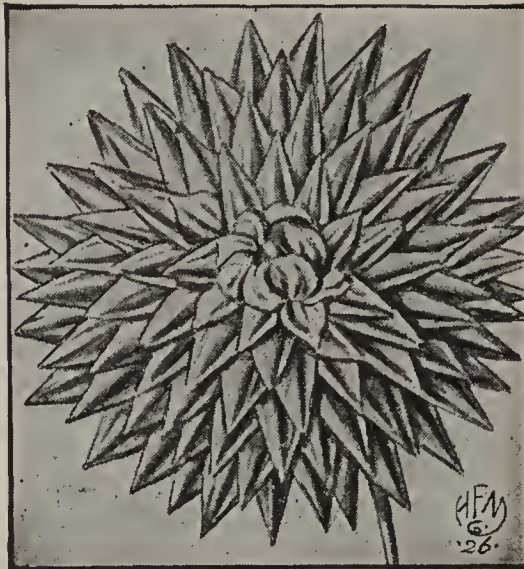
25 to a box Doz. 100  
No. 1. Small size.....\$0 45 \$3 50  
No. 2. Large size..... 50 4 00

**Carnations**

Pink and White. 100 to a box. \$2.00 per 100; per 1000, \$16.00.

**Chrysanthemums**

Lavender, Pink, White, and Yellow. 100 to a box. \$3.50 per 100; per 1000, \$30.00.



**Dahlias**

Lavender, Pink, Purple, Red, White, and Yellow. 100 to a box. \$2.75 per 100; per 1000, \$25.00.

**Easter Lilies**

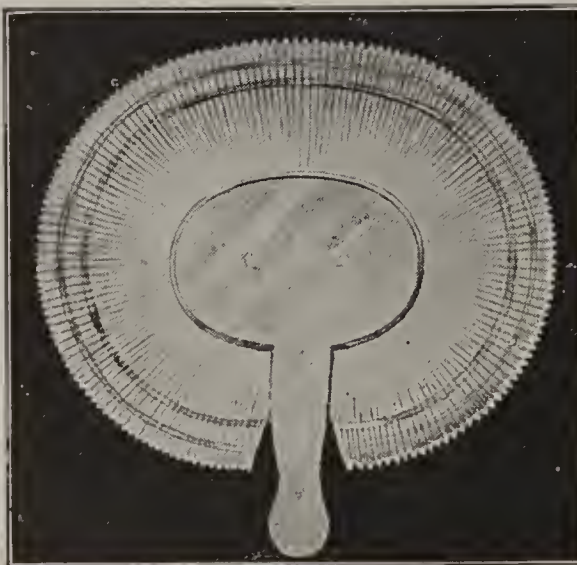
Lavender or White. 100 to a box. \$4.50 per 100.

**Roses**

Golden Gate, Pink and White. 100 to a box. 100  
No. 1. Small size.....\$1 75  
No. 2. Medium size..... 2 50  
No. A. Special size. Tight blossom..... 2 50

**Sweet Peas**

Lavender, Pink and White. 500 to a box. 60c. per 100; per 1000, \$5.00.



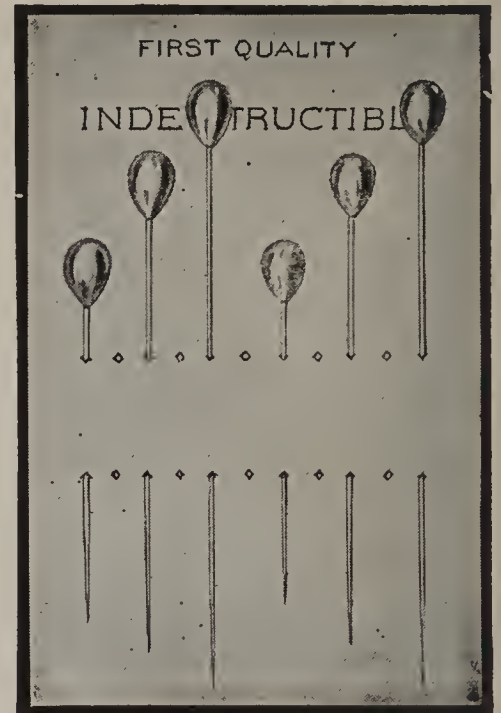
**Corsage Shield No. 101**

**Corsage Shields**

No. 101. Chiffon; no ribbon. \$1.50 per doz.

**Single Feathers**

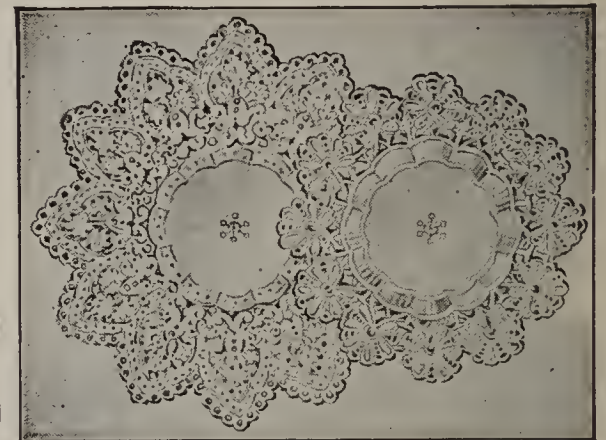
Used in the making of bridal and corsage bouquets. All colors. \$4.00 per 100; per 1000, \$30.00.



**Corsage Pins**

The finest indestructible, domestic bouquet and Corsage Pin made. Colors: Violet, Pink, Red, Green, Pearl, and White.

		Gross
No. 020.	2 -in. Round head.....	\$1 75
No. 020.	2½-in. Round head.....	1 75
No. 020.	3 -in. Round head.....	1 75
No. 022.	2 -in. Oval head.....	2 00
No. 022.	2½-in. Oval head.....	2 00
No. 022.	3 -in. Oval head.....	2 00



**Paper Bouquet Shields, White**

Made of lace. Put up in pkgs. of 1 doz. each.

	Width of Bowl	Width of Holder	Doz.	Gross
No. 1	1½ in.	3½ in.....	\$0 40	\$4 50
No. 2	2⅛ in.	4⅝ in.....	50	5 75
No. 3	2½ in.	5½ in.....	60	6 50
No. 4	3¼ in.	8 in.....	70	8 00
No. 5	3⅞ in.	9¼ in.....	85	10 00
No. 6	5 in.	11 in.....	1 00	11 50

**Shoulder Shields**

Chiffon-Edge Shield, in all flower shades.

	Doz.	Gross
No. 102A.....	\$2 00	\$20 00
No. 102B.....	2 00	20 00

**Wrist Shields**

No. 103. With rubber band; chiffon edge. All shades. \$2.00 per doz.; per gross, \$20.00.

**Gold Star Brand Feather Shoulder Shields**

No. 104. All colors. \$2.25 per doz.; per gross, \$25.00.

**Feather Wrist Shields**

No. 103. With rubber band and ribbon for tying flowers on. All colors. \$2.00 per doz.; per gross, \$20.00.

**MICHELL'S FLORISTS' SUPPLIES, continued**

**Natural Flower Dye**

For tinting fresh cut-flowers by absorption through the stem. Yellow, Pink, Red, Blue, Violet, Orange, St. Patrick's Green. Any species of flower which absorbs moisture readily may be used. Directions on each package. Price, 50c. per pkg.

**Michell's Flower Powder**

For dyeing natural flowers by dusting. Colors: Blue, Green, Lavender, Pink, Orange, Red, Yellow, Violet. Price, \$1.00 per 8-oz. jar.



**Jardiers, New Style**

Colors: Green and Lavender.  
4 in. for pots. \$1.25 per doz.; per 100, \$8.50.  
6 in. for pots. \$1.75 per doz.; per 100, \$13.50.

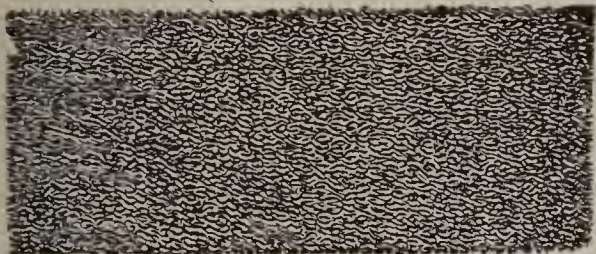
**Colonial Vase**



This Vase has the oxygen feature, breathing air through the sides, keeping the water pure and flowers fresh longer. Ideal for hospitals, homes, displays. Made in rough, antique design. Colors: Green and Ivory.

No.	Height	Diam.	Doz.	Price
No. 1.	9 in. high,	3 in. diam.	\$1 75	\$13 50
No. 2.	12 in. high,	4 in. diam.	2 75	22 00
No. 3.	15 in. high,	6 in. diam.	4 75	37 50

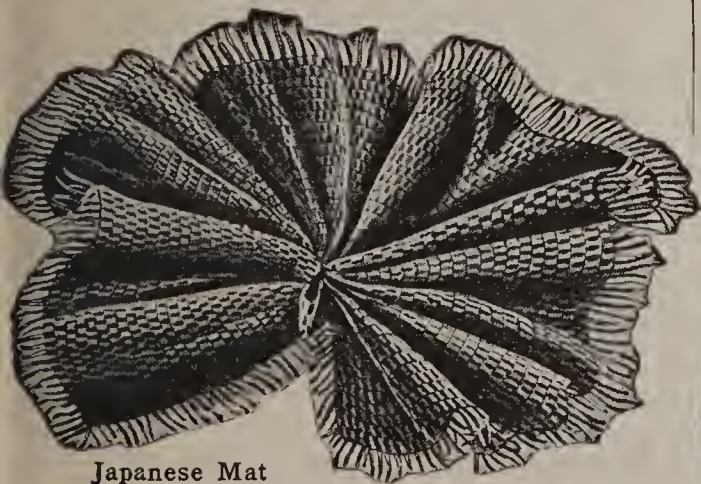
Colonial Vase



Grass Mat

**Grass Mats or Rugs**

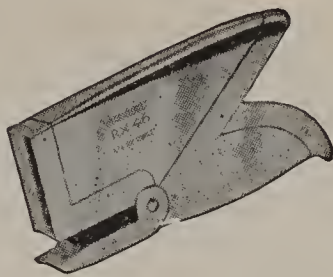
Made of green raffia on heavy burlap, they closely resemble real grass. Used extensively for store and window trim and in other decorative work. Size 36 x 72 in. \$3.00 each; per doz., \$31.00.



Japanese Mat

**Japanese Mats for Pot-Covers**

Assorted colors, plain, or two-tone colors. 50c. per doz.; per 100, \$3.50; \$30.00 per 1000.



**Markwell Plier Stapler**

No. RX46. An ideal device for every office, professional or business man, florist, store, factory, school and home. Compact and light in weight. Price, complete with 1000 staples, \$2.75.

**Staples**

30c. per 1000; per 5000, \$1.30



Metolit Vase

**Metolit Flower Vases**

Furnished in many attractive designs, with body in assorted colors of old rose, baby blue, ivory, green, gold, etc.; inside and bottom finished in old gold baked enamel.

No.	Diam.	Depth	Doz.
6	4 in.	7 5/8 in.	\$1 75
10	6 in.	9 3/4 in.	2 50



**Crepe Paper**

**Papyrus Brand.**

Of domestic manufacture. The best crepe paper on the market. Waterproof, heavy and strong. Why experiment with inferior paper? In moss-green, Nile-green, red, blue, pink, yellow, purple, lavender and white. 45c. per roll; doz. \$4.25; \$30.00 per 100.



**Felt Clock Dials**

Colors: White and Purple or White and Gold.

Each	Doz.
4 in..	\$0 35 \$3 50
7 in..	40 4 50



Galvanized Flower Vase

**Flower Vases Galvanized Iron**

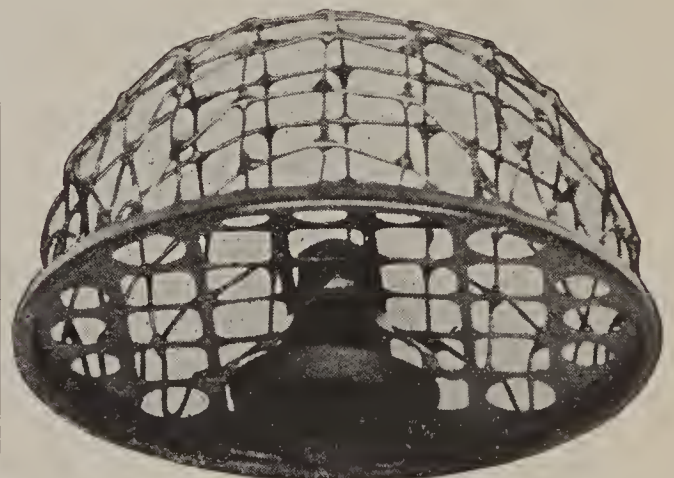
No.	Top Diam. In.	High Inside In.	Bottom Diam. In.	Each	Doz.
65	7 1/2	8	6 1/2	\$0 65	\$6 75
66	9	10	7 1/2	70	7 50
67	9	11 1/2	7 1/2	75	7 75
63	9	12 1/2	7 1/2	80	8 25
69	9	18	7 1/2	90	9 75
70	9	24	7 1/2	1 10	11 50
253	5	10	3 3/4	50	4 75
254	5 1/2	11	4 1/2	65	6 25
255	6 1/2	12	5 1/2	70	6 75
257	6 1/2	15	4 1/2	75	7 50



**Paper Pot-Covers**

Made of waterproof crepe paper. Easily adjusted. Colors: Green, Red, Pink, Blue, and Purple.

No.	Pot Size	Price
No. 1.	4-in. pot.	\$4 25
No. 2.	5-in. pot.	4 50
No. 3.	6-in. pot.	5 50
No. 4.	7-in. pot.	7 50
No. 5.	8-in. pot.	9 00



Vacuum Flower Holder

**Vacuum Flower Holder**

Made of metal, round shape, with square wire-mesh dome. Finished in green bronze, with rubber vacuum cup in bottom, which prevents tilting over when long-stemmed flowers are used. A great seller for the florist.

No.	Size	Each	Doz.
No. 1.	Small size	\$0 30	\$3 00
No. 2.	Medium size	40	4 00
No. 3.	Large size	50	5 00

See our complete line of Flower Pots and Plant Tubs on 3d cover page

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S FLORISTS' SUPPLIES, continued

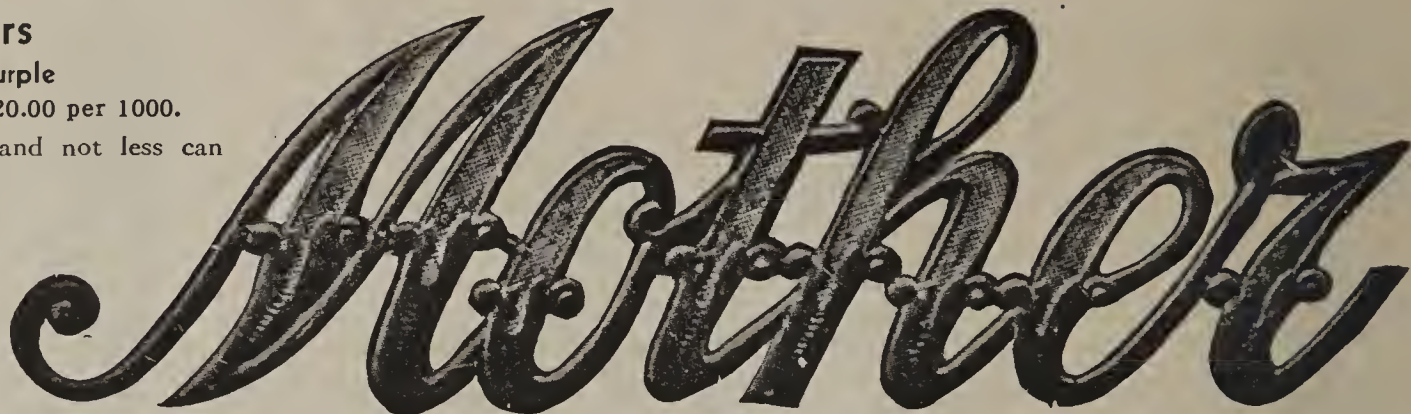
Script Letters

Either in Gold or Purple

30c. per 10; per 100, \$2.50; \$20.00 per 1000.

Ten words to each package and not less can be supplied.

- |         |          |
|---------|----------|
| Father  | Our      |
| Mother  | My       |
| Brother | Asleep   |
| Sister  | Baby     |
| Husband | Sleeping |
| Aunt    | Cousin   |
| Uncle   | Playmate |
| Comrade | Peace    |
| Nephew  | Niece    |
| At Rest | Daughter |
| Son     | Darling  |



- |              |                |                     |                         |                   |                |           |
|--------------|----------------|---------------------|-------------------------|-------------------|----------------|-----------|
| Dear Success | Beloved Family | Classmate Good Luck | Grandmother Grandfather | Sympathy Too Soon | Welcome Friend | Home Wife |
|--------------|----------------|---------------------|-------------------------|-------------------|----------------|-----------|

Letters for Design Work



No. 1

No. 1. 1 1/4-in. Gold only. 50c. per 100; per 1000, \$3.00. Also numerals at the same price.



No. 6

No. 4

No. 6. Gold only. 40c. per 100; per 1000, \$2.50.  
No. 4. 3/4-in. Gold only. 40c. per 100; per 1000, \$2.75. Also numerals at the same price.

Michell's Wire Designs

OUR WIRE DESIGNS ARE CAREFULLY AND SUBSTANTIALLY MADE

When ordering please state Number and Size

We make a slight charge at actual cost for packing Wire Designs, on account of the small profit at which they are sold

ANCHORS (Flat). No. 1

10-in. . . . . \$0 25	20-in. . . . . \$0 50
12-in. . . . . 30	22-in. . . . . 55
14-in. . . . . 35	24-in. . . . . 65
16-in. . . . . 40	30-in. . . . . 1 05
18-in. . . . . 45	36-in. . . . . 1 35

ANCHORS ON BASE

STANDING ANCHORS. No. 3

Measure not including base.

10-in. . . . . \$0 40	20-in. . . . . \$1 00
12-in. . . . . 50	22-in. . . . . 1 15
14-in. . . . . 65	24-in. . . . . 1 25
16-in. . . . . 80	30-in. . . . . 1 90
18-in. . . . . 90	36-in. . . . . 3 50

ANCHOR AND CROSS. No. 13

12-in. . . . . \$0 25	21-in. . . . . \$0 55
15-in. . . . . 35	24-in. . . . . 65
18-in. . . . . 45	

ANCHOR and CROSS STANDING. No. 14

Measure not including base.

12-in. . . . . \$0 50	21-in. . . . . \$0 85
15-in. . . . . 60	24-in. . . . . 1 00
18-in. . . . . 70	

BROKEN COLUMN. No. 41

12-in. . . . . \$0 60	30-in. . . . . \$1 50
15-in. . . . . 65	33-in. . . . . 1 75
18-in. . . . . 75	36-in. . . . . 2 00
21-in. . . . . 90	39-in. . . . . 2 25
24-in. . . . . 1 00	42-in. . . . . 2 50
27-in. . . . . 1 25	

Crescent. No. 58

8-in. . . . . \$0 15	18-in. . . . . \$0 40
10-in. . . . . 20	20-in. . . . . 45
12-in. . . . . 25	22-in. . . . . 50
14-in. . . . . 30	24-in. . . . . 55
16-in. . . . . 35	

Crosses (Flat). No. 74

10-in. . . . . \$0 14	24-in. . . . . \$0 26
12-in. . . . . 14	26-in. . . . . 28
14-in. . . . . 16	28-in. . . . . 30
16-in. . . . . 18	30-in. . . . . 35
18-in. . . . . 20	32-in. . . . . 40
20-in. . . . . 22	34-in. . . . . 45
22-in. . . . . 24	

Crosses (On Stand). No. 75

10-in. . . . . \$0 45	22-in. . . . . \$0 60
12-in. . . . . 47	24-in. . . . . 67
14-in. . . . . 50	26-in. . . . . 80
16-in. . . . . 52	28-in. . . . . 90
18-in. . . . . 55	30-in. . . . . 1 05
20-in. . . . . 57	36-in. . . . . 1 40

Crosses, Flat Slanting. No. 81

12-in. . . . . \$0 20	22-in. . . . . \$0 45
14-in. . . . . 25	24-in. . . . . 50
16-in. . . . . 30	26-in. . . . . 60
18-in. . . . . 35	30-in. . . . . 65
20-in. . . . . 40	36-in. . . . . 75

Casket Crosses. No. 71

12-in. . . . . \$0 18	24-in. . . . . \$0 45
14-in. . . . . 20	26-in. . . . . 50
16-in. . . . . 25	30-in. . . . . 55
18-in. . . . . 30	34-in. . . . . 70
20-in. . . . . 35	36-in. . . . . 80

Easels. No. 52

18-in. . . . . \$0 10	Each	Doz.
21-in. . . . . 15	1 40	
24-in. . . . . 20	1 75	
27-in. . . . . 25	2 00	
30-in. . . . . 30	2 25	
36-in. . . . . 35	2 75	

Hearts (Open)

8-in. . . . . \$0 20	18-in. . . . . \$0 45
10-in. . . . . 25	20-in. . . . . 50
12-in. . . . . 30	22-in. . . . . 55
14-in. . . . . 35	24-in. . . . . 60
16-in. . . . . 40	

Heart, Solid on Stand

Measure not including base.

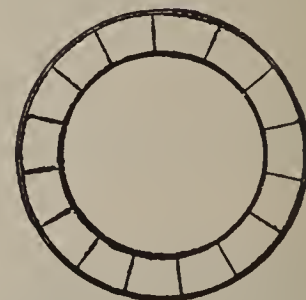
10-in. . . . . \$0 40	18-in. . . . . \$0 75
12-in. . . . . 45	20-in. . . . . 85
14-in. . . . . 50	22-in. . . . . 95
16-in. . . . . 65	24-in. . . . . 1 10

Pillows (Closed Top, Flat). No. 169

10-in. . . . . \$0 20	20-in. . . . . \$0 50
12-in. . . . . 25	22-in. . . . . 60
14-in. . . . . 30	24-in. . . . . 80
16-in. . . . . 35	26-in. . . . . 1 00
18-in. . . . . 45	28-in. . . . . 1 20

Pillows (Open Top). No. 170

10-in. . . . . \$0 23	20-in. . . . . \$0 40
12-in. . . . . 25	22-in. . . . . 45
14-in. . . . . 28	24-in. . . . . 50
16-in. . . . . 31	27-in. . . . . 65
18-in. . . . . 35	30-in. . . . . 90



Wreaths. No. 220

10-in. . . . . \$0 10	Each	Doz.	100
12-in. . . . . 12	1 10	6 50	
14-in. . . . . 15	1 25	8 00	
16-in. . . . . 20	1 75	9 50	
18-in. . . . . 30	2 25	12 50	
20-in. . . . . 35	2 40	14 50	
22-in. . . . . 40	3 00	18 00	
24-in. . . . . 45	3 25	21 00	

Standing Wreaths on Stand. No. 226

8-in. . . . . \$0 35	14-in. . . . . \$0 60
9-in. . . . . 40	16-in. . . . . 70
10-in. . . . . 45	18-in. . . . . 80
12-in. . . . . 50	20-in. . . . . 90

WE CAN ALSO SUPPLY ALL OTHER STYLES IN WIRE DESIGNS

MICHELL'S FLORISTS' SUPPLIES, continued



Picot-Edge Shower Ribbon

**Picot-Edge Shower Ribbon**  
Pattern 3013

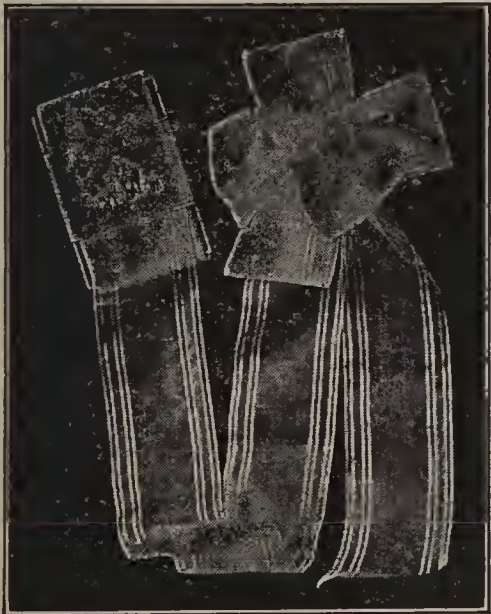
A dainty Shower Ribbon with picot edges; delicate yet firm. Colors: White, Pink, Lavender, Blue, Nile, and Ward. Put up in 50-yard bolts. Price, 80c.; 12-bolt lots, 75c. per bolt.

**Baby Ribbon**  
Pattern 110

For tying cards, etc. Colors: White, Pink, Lavender, Blue, Green, and Red. 50-yard bolts. Price, 75c.

**Triple-Tone Pot-Tie**  
No. 5

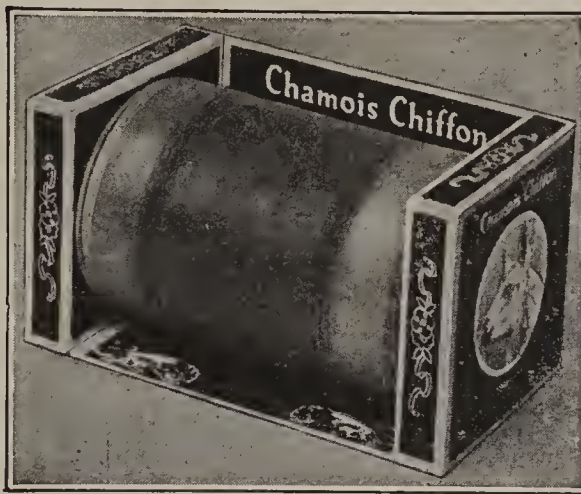
This could be called a silk ribbon with tinsel stripes, shading from light to dark shades of the same colors, and is very popular for basket plants or even for corsage work. Price, 50-yd. bolt, \$1.10; 12-bolt lots at \$1.00 per bolt.



Monkey Metalline

**Monkey Metalline**  
New

This has proved itself very popular because it is a high-class piece of merchandise which can be used for the more exclusive kinds of work. It is manufactured in the following colors: White, Pink, Blue, Yellow, Nile, Lavender, Violet, Purple, Ward, Gray Moss, and Premier, and is a bargain at the following prices: 40-yd. pieces, 4½c. per yd.; 12-piece lots, 4c. per yd.



**Chamois Chiffon**  
Width 150

An exquisitely sheer, dainty fabric that ties a graceful bow that will hold its shape. Made in a full range of florists' shades; also a variety of shades with white centers, such as White, Pink, Blue, Nile, Yellow, Ophelia, Orchid, Lavender, Scarlet, Spring Green, Talisman. Each piece put up on a roller rack. Comes 40 yards to bolt. 6½c. per yd.; 12-bolt lots, 6c. per yd.

Width 30

Colors: White, Pink, Scarlet and Emerald. Comes 80 yards to bolt. 4c. per yd.; 12-bolt lots, 3½c. per yd.

**Chamois Print**  
Pattern 150

This is the same fabric as Chamois Chiffon but with a rosebud design applique through the center of the fabric. Made in White, Pink, Blue, Lavender, Ophelia, Nile, and Yellow. Comes 40 yards to bolt. 10c. per yd.; 12-bolt lots, 9½c. per yd.

**Three Striped French Chiffon**  
Pattern 1500

This pattern is made in all colors, in both widths. Bolts average 40 yards long.

	Per piece	12 pieces
4-in.....	6c. per yd.	5½c. per yd.
6-in.....	7c. per yd.	6½c. per yd.

**Chiffon (Lily-of-the-Valley)**  
Pattern 800

Made in all colors. Width, 6 inches. Made in 40-yard pieces only. 9c. per yd.; 12-piece lots, 8½c. per yd.

**Satin Ribbon**  
Pattern 3212. No. 120

A really exquisite quality of satin ribbon, 5 inches wide. The grade is fine enough to be used for wedding work; the price is low enough to permit to be used on general work. Made in a complete color line. Price, 10-yd. bolts \$1.50; 12-bolt lots at \$1.40 per bolt.

**Chenille, Plain Worsted**

Comes 12 yards to a piece. Colors: Purple, Red and White. Large size, per piece, 50c.; \$5.50 per doz. pieces.

**Boutonniere Pins**

1½-in., \$1.50 per gross



**Tie-Me (Pot-Tie)**  
No. 5

We consider this new pattern one of the best ribbons on the market for tying Japanese mats on pots. At the attractive price at which it is offered it presents to all florists an unusual value, and we can recommend it very highly. It comes in all popular colors. Price, 50-yd. piece, 55c.; \$6.00 per 12 pieces.

**Rayon Taffeta**  
Pattern 2063

A superior quality fit for the best work. Colors: White, Pink, Lavender, Violet, Purple, Pernet, Nile, Blue, Scarlet, Gray, Premier, Ward, Bermuda, Laurel, Autumn, Hyacinth, Hortenda, and Goldye. Put up in 40-yard pieces. 7c. per yd.; 12-piece lots, 6½c. per yd.

**Satinej**  
Width 150

This is a very fine quality metalline, with a satin edge ½ inch wide. It has a beautiful lustre and is finished to make a bow which will hold its shape. The newest creation in metallines and especially adaptable for sprays and baskets because of its being waterproof. Colors the same as Taffeta. Width, 6 inches. Put up in 40-yard pieces. 6c. per yd.; 12-piece lots, 5½c. per yd.

**Satin Corsage Ribbon**  
Pattern 3207. No. 4

Made in White, Pink, Blue, Yellow, Nile, Ward, Ophelia, Columbia, Lavender, Violet, Orchid, Talisman, Valley Green, Gardenia, Scarlet, and Supreme. This is a very fine quality of Satin Ribbon for corsage work. It has a fine lustre and ties a pretty bow which will hold its shape at all times. Put up in 50-yard pieces. Price, \$2.10; 12-piece lots, \$2.00 per piece.

**Silk Fibre**  
Pattern 3196. No. 5

The finest quality pure Silk Fibre Ribbon. Can be used effectively for hours on baskets or plants. Colors: Red, Moss Green, Lavender, Pink, Purple, White, Yellow, and Blue. Width, 1 in. Put up in 50-yard bolts. Price, 80c.; 12-piece lots, 75c. per bolt.

# Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

**Agri-Pax.** A contact insecticide which controls rose-bugs as well as soft-bodied insects. Can be used on currants, asparagus, lettuce, celery, etc. Qt. \$1.00; \$3.00 per gal.; 5 gals. \$12.00.

**ANTROL.** Complete control system of combating ants. Sets containing 4 containers and one 4-oz. bottle of syrup, 75c.; Antrol, extra containers, 10c. each. Antrol Syrup, 4-oz. bottle, 35c.; 85c. per pt. Antrol ready filled sets, consisting of 4 containers, 40c.

**Antrol Ant and Roach Powder.** An improved, fast-killing powder for the extermination of ants and roaches. Pkg. of 1 $\frac{3}{4}$  oz. in shaker twist-top can, 15c.; 35c. per 3 ozs.; 5 lbs. \$4.50.

**Antrol Traps.** Kills both grease- and sweet-eating ants. 15c. each.

**Aphine.** For destroying aphis, green fly, thrips, red spider and other greenhouse and outdoor insects. It dilutes readily in water, about 1 part to 40 of the latter.  $\frac{1}{4}$ pt. 25c.; 40c. per  $\frac{1}{2}$ pt.; pt. 65c.; \$1.00 per qt.; gal. \$3.00.

**Aphis Punk.** Used for fumigating. (For use in greenhouses only.) For controlling green and black fly and many other forms of insects. Pkg. of 12 sheets, 85c.; \$8.50 per case of 12 pkgs.

**Arsenate of Calcium.** Used for spraying potatoes, cotton, tobacco, etc., against chewing and leaf-eating insects. One pound makes 40 to 50 gallons. Lb. 35c.; 80c. per 4-lb. bag; 25 lbs. \$4.00; \$11.00 per 100 lbs.

**Arsenate of Lead, Powdered.** One to 1 $\frac{1}{2}$  pounds dilutes to 50 gallons of water, or may be used dry, like Paris Green.  $\frac{1}{2}$ lb. 20c.; 35c. per lb.; 5 lbs. \$1.40; \$2.65 per 10 lbs.; 24 lbs. \$5.50; \$16.50 per 96 lbs.

**Black-Leaf 40.** Full directions on each package. 1-oz. bottle 30c.; \$1.00 per 5 ozs.; lb. \$2.25; \$3.25 per 2 lbs.; 5 lbs. \$5.85; \$10.60 per 10 lbs.; 50-lb. drum \$42.50.

**Bordeaux Mixture, Powder.** A 12 per cent copper mixture for spraying purposes.  $\frac{1}{2}$ lb. 20c.; 35c. per lb.; 5 lbs. \$1.40; \$5.50 per 24 lbs.; 96 lbs. \$16.50.

**Bug Death.** The manufacturers claim that it acts as a fertilizer as well as an insecticide. Powder form, applied pure. Not poisonous to persons. 10 ozs. 25c.; 75c. per 5 lbs.; 12 $\frac{1}{2}$  lbs. \$1.50; \$10.00 per 100 lbs.

**Bu-So-La.** A contact spray effective on all soft-bodied insects, such as mealy bug, aphis, red spider, white fly, leaf hopper, lice fly, also scales. Pt. \$2.00; \$3.00 per qt.;  $\frac{1}{2}$ gal. \$5.00; \$8.00 per gal.; 5-gal. lots, \$7.50 per gal.

**Calcium Caseinate.** Used as a spreader to mix with other insecticides which do not mix readily. Lb. 25c.; \$1.20 per 5 lbs.; 25 lbs. \$4.75.

**Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Gal. \$1.85; \$7.75 per 5 gals.

**Ceresan (DuBay).** 2 per cent. For treating the seed of small grains, such as barley, oats, other cereals, narcissus and cotton. Two to 3 ounces are required for one bushel of seed. Lb. 70c.; \$3.00 per 5 lbs.; 25 lbs. \$12.75; \$50.00 per 100 lbs.

**Ceresan, New Improved (DuBay).** For wheat. Lb. 70c.; \$3.00 per 5 lbs.

**Copper Solution.** Excellent spray for carnation and snapdragon rust and disease of the grape, pear, apple and other fruits; also for leaf-blight and mildew. It is diluted in water. Qt. \$1.25; \$3.50 per gal.

**Cuprocide (Red Copper Oxide).** An excellent material for the treatment of seeds before sowing, to prevent the fungous disease known as damping-off. Lb. 90c.; \$4.00 per 5 lbs.; 20 lbs. \$14.00; \$25.00 per 50 lbs.; 200 lbs. \$77.00.

**Cyanegg.** For generating hydrocyanic acid gas. Claimed to be the best remedy for killing the white fly. Do not use on sweet peas, as it destroys them. Lb. 50c.; \$2.25 per 5 lbs.

**CYANOGLAS (Calcium Cyanide). G. Fumigant.** A valuable insecticide for greenhouse fumigation; eliminates aphis, thrips, white fly or soft scale. 5 lbs. \$3.00; \$10.00 per 25 lbs.; 100 lbs. \$25.00.

**CYANOGLAS (Calcium Cyanide). A Dust.** For killing rats, moles, woodchucks and other rodents.  $\frac{1}{2}$ lb. 45c.; 75c. per lb.; 5 lbs. \$3.00.

**DERRISOL.** For the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. 1-oz. bottle 35c.; \$1.20 per  $\frac{1}{2}$ lb. bottle; 1-lb. can \$2.10; \$3.00 per 2-lb. can; 10-lb. can \$12.00.

**Dutox.** A non-arsenical control for beetles and leaf-eating insects. Lb. 35c.; \$1.40 per 6 lbs.

**Fish-Oil Soap.** An excellent summer spray, when something stronger cannot be used, where the San José Scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft-shelled or, in fact, most any kind of insect. Lb. 30c.; \$1.25 per 5 lbs.; 10 lbs. \$2.25; \$3.75 per 25 lbs.; 50 lbs. \$6.25; \$10.00 per 100 lbs.

**Fish-Oil Soap, Good's Caustic.** This comes in a soft soap form and is easily dissolved. One pound to 10 gallons water. Lb. 30c.; \$1.25 per 5 lbs.; 10 lbs. \$2.25; \$3.75 per 25 lbs.; 50 lbs. \$6.00; \$9.75 per 100 lbs.

**Fish-Oil Soap (Rosin).** Especially recommended for the destruction of boxwood maggot, bagworm, and caterpillars. 5 lbs. \$1.50; \$2.75 per 10 lbs.; 25 lbs. \$4.50; \$7.50 per 50 lbs.

**Formacide.** A stabilized formaldehyde dust, triple-strength seed- and soil-disinfectant, used as a control of damping-off.  $\frac{1}{2}$ lb. 40c.; 65c. per lb.; 5 lbs. \$1.75; \$5.00 per 25 lbs.; 50 lbs. \$8.00; \$15.00 per 100 lbs.

**Form-O-Fume (Formaldehyde Dust).** An effective insurance against the damping-off of flower and vegetable seedlings and cuttings. Lb. 50c.; \$1.75 per 5 lbs.; 25 lbs. \$5.00.

**FumeTobac.** For burning. A high-nicotine-content tobacco dust for greenhouse fumigation. 25 lbs. \$4.50; \$8.00 per 50 lbs.; 100 lbs. \$15.00, f.o.b. Philadelphia. 25 lbs. \$4.25; \$7.50 per 50 lbs.; 100 lbs. \$14.00, f.o.b. factory.

**FUNGTROGEN.** A highly concentrated form of fungicide that will conquer mildew and control black-spot on roses. Dilute 1 part with 60 parts water.  $\frac{1}{2}$ pt. 70c.; \$1.15 per pt.; qt. \$1.80; \$3.25 per  $\frac{1}{2}$ gal.; gal. \$5.50.

**Getz-There Soap.** Ideal for washing palms and spraying in place of Whale-Oil Soap. 2 lbs. 50c.; \$1.50 per 8 lbs.; 25 lbs. \$4.00; \$15.00 per 100 lbs.; bbl. lots, 12c. per lb.

**Grape and Rose Dust.** A powder preparation used for mildew, aphis, black fly, and other insects, also for fungous diseases, principally in greenhouses. Lb. 30c.; \$1.00 per 5 lbs.; 25 lbs. \$4.75; \$17.00 per 100 lbs.

**Hellebore.** An ideal material for destroying rose-bugs, currant worms and other soft-shelled insects that infest the garden.  $\frac{1}{2}$ lb. 25c.; 45c. per lb.; 5 lbs. \$2.00.

**Hydroxide, Mechling's.** A combined spray-insecticide and fungicide.  $\frac{1}{2}$ lb. 20c.; 35c. per lb.; 5 lbs. \$1.40.

**INSECTROGEN.** A complete spray for leaf-chewing insects, including caterpillars, rose-slug worms and Japanese beetles; also for black-spot, mildew and red spider. 4 ozs. 55c.; 90c. per  $\frac{1}{2}$ pt.; pt. \$1.60; \$2.50 per qt.;  $\frac{1}{2}$ gal. \$4.25; \$7.00 per gal.

**Japtox.** Kills and repels Japanese beetles. A real protection to foliage against the feeding of these pests. Lb. 45c.; 80c. per 2 lbs.; 8 lbs. \$2.75; \$6.00 per 25 lbs.; 100 lbs. \$16.00.

**Kerosene Emulsion, Liquid.** Miscible Oil. Makes an excellent spray for all mild forms of scale and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Pt. 40c.; 65c. per qt.; gal. \$1.60; \$5.00 per 5 gals.

**Lemon-Oil Insecticide.** Effectually destroys mealy bug, scale, thrips and red spider.  $\frac{1}{2}$ pt. 30c.; 45c. per pt.; qt. 75c.; \$1.30 per  $\frac{1}{2}$ gal.; gal. \$2.35; \$9.50 per 5-gal. keg.

**Lethane 440.** A complete all-round spray, effective against practically all sucking insects and their eggs. Pt. \$2.00; \$3.00 per qt.; gal. \$8.50.

**Lime-Sulphur, Liquid.** For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf-curl of peaches. Qt. 40c.; 95c. per gal.; 5 gals. \$3.75; \$9.50 per  $\frac{1}{2}$ bbl. (30 gals.); bbl. (55 gals.) \$13.00.

**Lime-Sulphur, Dry Powder Form.** Instantly soluble in either cold or hot water. Dilute 1 pound to 6 gallons water. Does not separate; keeps indefinitely. Lb. 35c.; \$1.60 per 5 lbs.; 25 lbs. \$4.25; \$8.00 per 50 lbs.; 100 lbs. \$14.00.

**Loro.** A new contact insecticide for use on flowers, vegetables, shrubs, trees, and other ornamentals. Effective on aphids (plant-lice, black and green fly), thrips, midge, red spider, mealy bug, lace fly, white fly, and leaf-hopper. Pt. \$2.00; \$9.75 per gal.; 5 gals. \$43.75.

**Mexican Bean Beetle Destroyer.** Dust or spray; no danger of burning. Lb. 30c.; \$1.00 per 4 lbs.

**Mexogen.** Kills and repels Mexican bean beetles. Non-poisonous to humans, animals, or birds, when directions are followed.  $\frac{1}{2}$ pt. 70c.; \$1.90 per qt.; gal. \$5.50.

**Multicide.** An efficient pyrethrum-base insecticide made exclusively for commercial growers. Ideal for use on flowers, fruits, and vegetables. Qt. \$2.50; \$9.50 per gal.; 5 gals. \$42.50; \$82.00 per 10 gals.; 30 gals. \$214.50.

**Naphtha Flakes.** For cleaning the soil. Will control thrips, sow-bugs, and other earth vermin. Lb. 15c.; 10 lbs. \$1.40; \$3.25 per 25 lbs.; 50 lbs. \$6.00; \$11.00 per 100 lbs.

**Naptoside.** A fumigant-insecticide that kills thrips, millepedes, sow-bugs, etc., in greenhouse; also gladiolus thrips outdoors. Lb. 30c.; \$1.15 per 5 lbs.; 25 lbs. \$3.75; \$6.85 per 50 lbs.; 100 lbs. \$12.50; \$57.00 per 500 lbs.

**Nico-Fume, Liquid.** A modern insecticide for vaporizing and spraying. \$2.25 per lb.; 4 lbs. \$5.75; \$10.00 per 8 lbs.

**Nico-Fume Paper.** For fumigating greenhouses, conservatories, etc. Box of 24 sheets \$1.30; \$4.50 for 144 sheets; 288 sheets \$8.00.

**Nico-Fume Fumigating Powder.** A 12 $\frac{1}{2}$  per cent nicotine fumigator for greenhouse use. Complete with directions in each can. 1-lb. tin \$1.00; \$3.35 per 5-lb. size; 10-lb. size \$5.85.

ALL PRICES SUBJECT TO MARKET CHANGES



# Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

**Nico-Fume Powder Pressure Fumigator.** Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. 1/2 lb. size 45c. each; 6 for \$2.40; case lots of 1 doz. \$4.20. Lb. size 75c. each; 6 for \$3.75; case lots of 1 doz. \$7.00.

**Nikoteen.** 30 per cent solution. One of the very best forms of tobacco or nicotine preparations. 1-oz. bottle 25c.; \$2.50 per doz.; 2-oz. bottle 40c.; \$1.10 per 1/2-lb. bottle; 1-lb. bottle \$2.00; \$5.50 per 4-lb. bottle; 8-lb. bottle \$10.50.

**Nikoteen.** 40 per cent solution. 4 lbs. \$6.00; \$11.50 per 8 lbs.

**Nicotine Pyrox.** An insecticide and fungicide that kills all common bugs and controls blight and other plant diseases. 17.6 ozs. 50c.; \$1.75 per 5 lbs.; 10 lbs. \$3.00.

**Para-Dichlorobenzene.** For peach-tree borers. Full directions on each package. 1-lb. can 45c.; \$2.10 per 5-lb. can; 10-lb. can \$3.50; \$8.00 per 25-lb. keg; 100-lb. keg \$23.00.

**Paris Green.** A poisonous powder for potato-bugs, worms, caterpillars, slugs, etc. 1/4 lb. 20c.; 35c. per 1/2 lb.; lb. 55c.; \$2.50 per 5 lbs.; 14 lbs. \$5.75.

**Pomo-Green or Massey Dust.** A leaf-green dust for protecting roses and other flowering plants against insects and fungous diseases. Lb. 40c.; \$1.65 per 5 lbs.

**Pomo-Green with Nicotine.** A leaf-green all-in-one dust or spray for leaf-eating insects and many plant diseases. Lb. 65c.; \$2.75 per 5 lbs.

**Pyrethrum Powder.** Valuable as a poison for plant-lice, water-bugs, roaches, etc., also the strawberry moth. Lb. 45c.; \$2.00 per 5 lbs.; 10 lbs. \$3.75.

**Pyrote.** A non-poisonous insecticide for killing both chewing and sucking insects; especially recommended to florists. 1-oz. bottle 35c.; \$1.00 per 6 ozs.; pt. \$2.00; \$3.50 per qt.

**Pyrox.** A combined insecticide and fungicide for all leaf-eating insects, blights and fungous troubles. 25 lbs. \$4.75; \$7.25 per 50 lbs.; 100 lbs. \$12.50; \$30.00 per 300 lbs.

**Rat Paste (Zelio).** The most efficient poison for destroying rats, mice and other rodents. 2-oz. tube 50c.

**RED ARROW INSECT SPRAY (Pyrethrum Soap).** A non-poisonous, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 30c.; 90c. per 1/4 pt.; pt. \$2.50; \$3.75 per qt.; gal. \$10.00; case, 6 gals., \$8.75 per gal.

**REVIVO.** Controls the Japanese beetle grub by destroying the grub in the soil; also prevents the growth of crab grass; stunts the growth of chickweed, plantain and dandelion. Ten pounds will cover a space of 250 square feet. 2 lbs. 30c.; \$1.00 per 10 lbs.; 25 lbs. \$1.75; \$5.00 per 100 lbs.; 500 lbs. \$23.50.

**Rotecide.** A non-poisonous insect spray for the control of mealy bugs, white flies, midges, aphids, etc. Not injurious to tender plants and flowers. Qt. \$3.50; \$9.00 per gal.

**ROTENONE DUST.** A non-poisonous dust containing 75 per cent of Rotenone. Controls asparagus, bean, and cucumber beetles, leaf hoppers, red spider, thrips, cabbage worms and other leaf-chewing and sucking insects. 5 lbs. \$1.15; \$5.50 per 25 lbs.; 100 lbs. \$19.00.

**SCALECIDE.** Used for the destruction of the San José Scale. Spray when the trees are dormant. Qt. 65c.; \$1.55 per gal.; 5 gals. \$5.50; \$10.50 per 10 gals.; 30 gals. \$23.00; \$31.00 per 50 gals.

**Scale Oil.** An efficient oil spray for controlling scale insects, aphids, thrips, red spider, etc. Qt. 65c.; \$1.25 per gal.; 5 gals. \$5.00; \$15.50 per 30 gals.; 50 gals. \$24.00.

**SELOCIDE.** A powerful new killing agent that gives positive control of red spiders in one application; also kills the eggs and does not harm tender plants. Dilute 1 part to 49 parts of water. Gal. \$3.00; \$13.50 per 5 gals.

**Semesan (DuBay).** A mercuric disinfectant for the control of many seed, plant, and soil diseases. 2 ozs. 35c.; \$2.25 per lb.; 5 lbs. \$9.90; \$45.50 per 25 lbs.; 100 lbs. \$180.00.

**Semesan Special (DuBay).** A grass disinfectant for brown-patch. 5 lbs. \$7.00; \$33.00 per 25 lbs.; 100 lbs. \$129.00.

**Semesan Bel, New Improved (DuBay).** For treating seed potatoes before planting. One pound treats 60 to 80 bushels of seed. 4 ozs. 45c.; \$1.50 per lb.; 5 lbs. \$6.75; \$31.00 per 25 lbs.; 100 lbs. \$122.00.

**Semesan Jr., New Improved (DuBay).** For controlling seed-borne diseases of seed, field, and sweet corn. 4 ozs. 30c.; 75c. per lb.; 5 lbs. \$3.25; \$14.00 per 25 lbs.; 100 lbs. \$55.00.

**SLUG SHOT, Dust.** For currant worms, rose-slugs, cabbage worms and almost any soft-shelled insects. 1-lb. carton 20c.; 85c. per 5 lbs.; \$3.50 per 25 lbs.; 125-lb. barrel \$11.25; full barrel lots (250 lbs.) \$22.50.

**Slug Shot, Liquid.** We offer this to those who desire to use it as a spray. Oz. 30c.; 90c. per 6 ozs.; 16 ozs. \$2.10; \$3.75 per qt.; gal. \$11.00; \$50.00 per 5 gals.

**SNAROL.** For the control of cutworms, snails, slugs, etc. Non-injurious to vegetation and very economical to use. 1 1/2 lbs. 35c.; 85c. per 4 lbs.; 15 lbs. \$3.00; \$8.00 per 50 lbs.

**Soap (C.P.O.).** For control of many insects on evergreens, flowering plants, fruits and vegetables. 3-oz. bottle 20c.; 60c. per pt.; qt. 95c.; \$2.40 per gal.

**Soap Spray (Imp.).** An all-round outdoor and greenhouse insecticide. Pt. 60c.; 90c. per qt.; gal. \$2.75; \$11.00 per 5 gals.; 10 gals. \$19.00; \$55.50 per 1/2 bbl. (about 30 gals.).

**Spreader, Grasselli.** This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It has certain well-defined agents in the fact it is compatible with natural hard water, weak acids, and alkalies. It is a liquid and mixes readily with cold water. The principal sticking agent in Grasselli Spreader is a plastic substance that does not harden, crack, or peel when dry. Pt. 75c.; \$4.75 per gal.; 5 gals. \$22.00; \$195.00 per 50 gals.

**Sulrote (Rotenone Sulphur Dust).** A non-poisonous dust for lawn, flower garden and greenhouse; controls chinch bugs and also gladiolus thrips. Lb. 35c.; \$1.15 per 5 lbs.; 25 lbs. \$4.75; \$18.00 per 100 lbs.

**Sulphate of Copper.** For destroying fungous diseases of all kinds; also used in making Bordeaux mixture and for spraying potato vines in connection with Paris Green. Lb. 15c.; 70c. per 5 lbs.; 10 lbs. \$1.25; \$2.75 per 25 lbs.; 100 lbs. \$9.50.

**Sulphur.** Lb. 10c.; 45c. per 5 lbs.; 10 lbs. 85c.; \$2.00 per 25 lbs.; 100 lbs. \$7.00; barrel lots (about 200 lbs.) 6 1/2 c. per lb.

**Sulphur Candles.** For fumigating in sick rooms, also in conservatories and greenhouses. Each 15c.; \$1.50 per doz.

**SUNOCO SPRAY OIL.** For the control of scale insects, red spider, aphids, thrips, etc.; cheap, effective and pleasant to handle. Gal. \$1.30; \$5.25 per 5 gals.; 15 gals. \$9.50; \$16.00 per 30 gals.; 50 gals. \$22.50.

**Thrip Juice, Hammond's No. 2.** This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Pt. 70c.; \$1.10 per qt.; gal. \$3.50.

**Tobacco Dust, for dusting.** 1-lb. canister, 20c.; 35c. per 5 lbs.; 10 lbs. 60c.; 90c. per 25 lbs.; 100 lbs. \$3.00; \$14.00 per 500 lbs.; 1/2 ton \$24.50; \$47.50 per ton.

**Tobacco Dust, for fumigating.** 5 lbs. 40c.; \$1.15 per 25 lbs.; 50 lbs. \$2.00; \$3.75 per 100 lbs.; 500 lbs. \$18.00.

**Tobacco Stems (Fresh).** 5 lbs. 25c.; 40c. for 10 lbs.; 25 lbs. 75c.; large bales at 1 3/4 c. per lb.; 1/2 ton \$12.50; \$22.50 per ton.

**TREE TANGLEFOOT.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 65c.; \$3.25 per 5-lb. can; 10 lbs. \$6.10; \$12.75 per 25 lbs.

**Tri-ogen.** A combined spray; complete protection against plant insects and diseases. Small kit (makes 16 qts.) \$1.40; \$3.75 for medium kit (makes 64 qts.); large kit (makes 32 gals.) \$5.50.

**VOLCK (Garden).** A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrips, etc.; also acts as a repellent. 3 1/2 ozs. 35c.; \$1.00 per pt.; qt. \$1.50; \$4.00 per gal.

**Volck (Nursery).** A mineral-oil spray for use on growing plants in greenhouse and garden. It is not to be confused with "Garden Volck," which contains soap and nicotine. 1/2 pt. 35c.; 75c. per qt.; gal. \$2.00; \$6.25 per 5 gals.; 14 gals. \$14.00.

**WETTABLE SULPHUR.** Microscopic. Excellent protection against scab, brown rot, leaf-spot, mildew, etc. A valuable summer spray for both orchards and ornamentals. Lb. 15c.; 50c. per 5 lbs.; 10 lbs. 90c.; \$2.00 per 25 lbs.; 100 lbs. \$7.00.

**WILSON'S O. K. PLANT SPRAY.** A powerful, efficient insecticide for aphids, red spider, mildew, scale, etc. 1/2 pt. 40c.; \$1.00 per qt.; gal. \$3.00; \$12.00 per 5 gals.; 10 gals. \$22.00; \$57.00 per 30 gals.; 50 gals. \$90.00.

**Worm Destroyer.** For earthworms. A powder to be distributed over a given surface and soaked with water. 100-lb. bag \$4.50; \$16.50 per 500 lbs.; 1/2 ton \$31.50; \$60.00 per ton.

**X. L. All Insecticide Compound.** An English preparation for spraying. Harmless to very delicate plants. Kills mealy bug, red spider and many other insect pests. Gal. \$8.50.

## Superior Spreader and Sticker

STICKS      SPREADS      SUSPENDS

This material has proved to be a superior Spreader, which should be added to all spray mixtures except oil sprays. Spreads the spray material evenly over the surface, giving a better protection with the use of less material. In addition, it carries spray material better suspended in water, making easier operation of pumps and nozzles. Superior Spreader should be added at the rate of 3 pounds to each 100 gallons of spray solution. It contains no lime, so it can be used with Arsenate of Lead alone without danger of injury. 5 lbs. \$1.00; \$1.75 per 10 lbs.; 25 lbs. \$3.50; \$13.00 per 100 lbs.

ALL PRICES SUBJECT TO MARKET CHANGES

## Michell's High-Grade Fertilizers

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied

**ADCO.** A bacterial food for making artificial manure, by mixing it with leaves, grass-cuttings, green weeds or, in fact, all the many wastes that accumulate during the garden year, and applying water. The product is a clean manure. 25 lbs. (sufficient to make 1/2 ton manure) \$1.90; \$10.00 per 150 lbs. (sufficient to make 3 tons manure); 600 lbs. \$40.00; \$138.00 per 2100 lbs.

**All-Crop Fertilizer.** For all vegetable crops, grain, grass, etc. 100 lbs. \$2.75; \$4.50 per 200 lbs.; 1/2ton \$21.50; \$40.00 per ton.

**Ashes, Canada Hardwood.** Apply 1000 pounds per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. 85c.; \$1.50 per 50 lbs.; 100 lbs. \$2.50; \$4.25 per 200-lb. bbl.; 1/2ton \$18.00; \$35.00 per ton.

**Asparagus Fertilizer.** A mixture that promotes the root- and top-growth. Apply 800 pounds per acre. 100 lbs. \$2.75; \$4.50 per 200 lbs.; 1/2ton \$21.50; \$40.00 per ton.

**Blood, Dried.** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. 50c.; 90c. per 10 lbs.; 25 lbs. \$1.75; \$3.00 per 50 lbs.; 100 lbs. \$5.00; \$9.75 per 200 lbs.; 500 lbs. \$24.00; \$43.00 per 1/2ton; ton \$85.00.

**Blood, Bone and Potash.** A very high-grade fertilizer for the flower and vegetable garden. 100 lbs. \$4.50; \$8.50 per 200 lbs.; 1/2ton \$32.50; \$60.00 per ton.

**Blood Flour.** Similar to dried blood, except that it is finer and acts almost instantly. 100 lbs. \$5.50; \$10.00 per 200 lbs.; 1/2ton \$48.50; \$95.00 per ton.

**Bone.** Coarse ground. Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purposes. 100 lbs. \$4.50; \$8.00 per 200 lbs.; 1/2ton \$38.50; \$75.00 per ton.

**Bone Flour.** Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. 25 lbs. \$1.50; \$2.25 per 50 lbs.; 100 lbs. \$3.50; \$6.25 per 200 lbs.; 1/2ton \$28.50; \$55.00 per ton.

**BONEMEAL.** Michell's Special Florist's Brand. Apply 800 to 1000 pounds per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose-beds and greenhouse use. 3 lbs. 20c.; 30c. per 5 lbs.; 10 lbs. 55c.; \$1.25 per 25 lbs.; 50 lbs. \$2.25; \$3.50 per 100 lbs.; 200 lbs. \$6.25; \$26.50 per 1/2ton; ton \$50.00.

**Bovung.** A natural cow-manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds; excellent for potted and field-grown plants as well as upon lawns. 25 lbs. 85c.; \$1.35 per 50 lbs.; 100 lbs. \$2.50; \$11.25 per 500 lbs.; 1/2ton \$20.00; \$37.50 per ton.

**CLAY'S FERTILIZER.** A reliable English fertilizer for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs. \$3.25; \$5.50 for 56 lbs.; 112 lbs. \$10.00.

**Cottonseed Meal.** Apply 800 pounds per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.25; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$30.00 per 1/2ton; ton \$57.50.

**Cow or Cattle Manure, Pulverized or Shredded.** Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 25 lbs. \$1.25; \$2.00 per 50 lbs.; 100 lbs. \$3.25; \$15.00 per 500 lbs.; 1/2ton \$28.00; \$54.00 per ton, f.o.b. Philadelphia.

**Cow or Cattle Manure.** 100 lbs. \$2.75; \$10.00 per 500 lbs.; 1000 lbs. \$19.00; \$35.00 per ton, f.o.b. Chicago.

**Ferogen.** A spring and summer ground-dressing. Reinforces any manure fertilizers you may use. Lb. 65c.; \$1.15 per 2 lbs.; 5 lbs. \$2.50; \$4.70 per 10 lbs.; 25 lbs. \$10.00; \$37.00 per 100 lbs.

**Florand.** A highly concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. A half-pound is sufficient to treat 100 square feet of ground. Full directions on each package. Lb. 25c.; 90c. per 5 lbs.; 10 lbs. \$1.45; \$2.65 per 25 lbs.; 100-lb. bag \$9.00.

**Horn Shavings.** Used principally for mixing in potting soil. Rich in ammonia. Especially valuable in chrysanthemum growing. 5 lbs. 70c.; \$1.25 per 10 lbs.; 25 lbs. \$2.25; \$3.75 per 50 lbs.; 100 lbs. \$6.50; \$12.50 per 200 lbs.

**Horse Manure.** See Manure.

**Hortobacco, Michell's.** Gives immediate and continuous fertilization; destroys insects; makes bigger blooms and longer stems when used for flowering plants; valuable also for the vegetable garden. 5 lbs. 25c.; 40c. for 10 lbs.; 25 lbs. 90c.; \$1.50 for 50 lbs.; 100 lbs. \$2.75; \$12.50 per 500 lbs.; 1/2ton \$24.00; \$45.00 per ton, f.o.b. Philadelphia (\$40.00 per ton, f.o.b. Lancaster).

**Hyper-Humus.** An excellent article to incorporate with poor soil in the garden or greenhouse; especially desirable for mixing with potting soil. 5 lbs. 25c.; 40c. for 10 lbs.; 25 lbs. 65c.; \$1.00 per 50 lbs.; 100 lbs. \$1.75; \$8.00 per 500 lbs.; 1/2ton \$13.00; \$22.50 per ton. Carload lots in bulk, \$9.00 per ton, f.o.b. factory.

**Kainit (Potash Salts).** Apply 800 to 1000 pounds per acre. Excellent for potatoes, corn, and other grains. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.00; \$2.25 per 100 lbs.; 200 lbs. \$4.25; \$17.00 per 1/2ton; ton \$32.50.

**Land Plaster.** Apply about 1500 to 2000 pounds per acre. For top-dressing sour and worn-out soils, also for mixing with Paris Green. 25 lbs. 60c.; \$1.00 per 50 lbs.; 100 lbs. \$1.75; \$3.00 per 200 lbs.; 1/2ton \$13.50; \$25.00 per ton.

**LAWN DRESSING, MICHELL'S.** This is a complete balanced fertilizer for fairways and putting greens and is highly desirable, for it avoids putting on fertilizers some parts of which are suitable only for grass-growing purposes. This fertilizer is complete in every way and will produce wonderful results. Apply at the rate of 1000 pounds per acre. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.25; \$2.25 per 50 lbs.; 100 lbs. \$3.50; \$32.50 per 1/2ton; ton \$60.00.

**LAWN SAND (Climax).** For destroying weeds in the lawn without injury to the grass; also a valuable fertilizer. For best results follow the directions on package. 3 1/2-lb. tin 70c.; \$1.35 per 7 lbs.; 14 lbs. \$2.45; \$4.25 per 28 lbs.; 56 lbs. \$7.00; \$13.00 per 112 lbs.

**LEGUME-AID.** Moist composition base. A pure culture of nitrogen-fixing bacteria for inoculating all leguminous crops, such as beans, peas, clovers, etc. When ordering, be sure to state what crops you wish to inoculate. Special garden size, for Garden Peas, Beans, and Sweet Peas, 25c. For Alfalfa and all Clovers, 1/2-bus. size 30c.; 50c. per 1-bus. size; 2 1/2-bus. size \$1.00. For Soy Beans, Vetches, Cow-peas, Garden Peas, and Beans, 1/2-bus. size 20c.; 30c. per 1-bus. size; 2-bus. size 50c.; \$1.00 per 5-bus. size.

We can also supply Agar (Jelly) Base at same prices. When ordering, always state what kind of seed you wish to inoculate.

**Lime, Hydrated or Powdered.** For mixing with earth or other purposes where a soil-sweetener is needed. 10-lb. box 25c.; 75c. per 50 lbs.; 100 lbs. \$1.25; \$6.00 per 500 lbs.; 1/2ton \$10.00; \$18.00 per ton.

**Limestone, Pulverized.** For applying to sour and worn-out soils at the rate of 1 ton per acre. 100-lb. bag 90c.; \$4.25 per 500 lbs.; 1/2ton \$8.25; \$16.00 per ton.

**Manure.** At short notice we can usually supply first-class horse, cow and stock-yard manure in carload lots only. Prices quoted on request.

**Mum Manure (Smith's).** A perfect food for Mums and other flowers, either under glass or in the garden. Used both as a top-dressing and as liquid manure. 50 lbs. \$2.00; \$3.75 per 100 lbs.; 500 lbs. or over, at \$3.50 per 100 lbs.

**Muriate of Potash.** Apply 100 to 150 pounds per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, and other grains. Analysis equal to 50 per cent actual potash. 5 lbs. 30c.; 50c. per 10 lbs.; 25 lbs. \$1.00; \$2.00 per 50 lbs.; 100 lbs. \$3.75; \$7.00 per 200 lbs.; 1/2ton \$29.00; \$55.00 per ton.

**Nitrate of Soda.** Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.00; \$1.90 per 50 lbs.; 100 lbs. \$3.25; \$6.00 per 200 lbs.; 1/2ton \$27.00; \$50.00 per ton.

If small quantities of fertilizers where listed are wanted by Parcel Post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the First and Second Zones; for other Zones, please add additional postage. Larger quantities by Express or Freight.

All prices on Fertilizers subject to market changes

## Michell's High-Grade Fertilizers

If small quantities of fertilizers where listed are wanted by Parcel Post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the First and Second Zones; for other Zones, please add additional postage. Larger quantities by Express or Freight.

**Nitrophoska.** A well-balanced, quick-acting food for every purpose in the garden, on lawns, flowers, shrubs, vegetables, etc. Analysis: Nitrogen, 15 per cent; Phosphoric Acid, 30 per cent; Potash, 15 per cent. Lb. 25c.; 90c. per 5 lbs.; 10 lbs. \$1.45; \$2.70 per 25 lbs.; 100 lbs. \$6.00.

**Peat Moss, Torf Mull (Imported, Granulated).** Small size bale, \$1.60; \$3.50 per large bale; 10-bale lots, \$3.25 per bale.

**PHILOGAN.** A natural manure for all crops. Organic material, manufactured by scientific process; no waste, all available, absolutely safe. The ideal food for carnations, roses, sweet peas, etc. 100 lbs. \$2.00; \$19.00 per 1/2ton; ton \$35.00.

**Phosphate for Corn and Oats.** Apply 800 pounds per acre. 100 lbs. \$2.50; \$4.50 per 200 lbs.; 1/2ton \$21.00; \$40.00 per ton.

**Phosphate, Michell's High-Grade Ammoniated.** For all vegetable crops, grains, grass, etc. Apply 800 to 1000 pounds per acre broadcast. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.00; \$1.75 per 50 lbs.; 100 lbs. \$3.00; \$5.50 per 200 lbs.; 1/2ton \$21.00; \$40.00 per ton.

**Phosphate, Super or Acid (16 per cent).** Apply 1000 pounds per acre. 200 lbs. \$3.00; \$12.00 per 1/2ton; ton \$22.00.

**PLANTABBS.** An odorless plant-food in tablet form, for all plants in the house or garden. They dissolve in water almost instantly and make a wonderful liquid fertilizer. Pkg. of 30 tablets, 25c.; \$2.00 per doz.; pkg. of 75 tablets, 50c., \$4.00 per doz.; pkg. of 200 tablets, \$1.00, \$8.00 per doz.; can of 1000 tablets, \$3.50, \$37.80 per doz.

**Potato Fertilizer (Michell's).** Apply 800 to 1000 pounds per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs. 90c.; \$1.50 per 50 lbs.; 100 lbs. \$2.50; \$4.75 per 200 lbs.; 1/2ton \$23.50; \$45.00 per ton.

**Salt.** For agricultural purposes, asparagus beds, and putting on walks and roads to kill weeds. Apply 800 pounds per acre. 100 lbs. \$2.00; \$3.50 per 200 lbs.; 1/2ton \$14.00; \$24.00 per ton.

**SHEEP MANURE, Wizard Brand.** F.o.b. Philadelphia. Apply 1000 pounds per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure. It is clean and easily handled, besides giving immediate results. 3 lbs. 20c.; 30c. per 5 lbs.; 10 lbs. 55c.; \$1.00 per 25 lbs.; 50 lbs. \$1.80; \$3.00 per 100 lbs.; 500 lbs. \$14.00; \$27.50 per 1/2ton; ton \$50.00.

**Sheep Manure, Wizard Brand.** F.o.b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs. \$2.75; \$10.00 per 500 lbs.; 1/2ton \$19.00; \$35.00 per ton.

**Soot, Imported Scotch.** This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 50c.; 85c. per 10 lbs.; 25 lbs. \$1.50; \$4.00 per 100 lbs.; 500 lbs. \$17.00.

### WIZARD BRAND SHEEP MANURE

**Pulverized.** Every weed seed killed—made easy to handle by an extensive process of drying, sterilizing, screening and grinding. Bone dry, convenient, the equivalent of a whole wagonload of crude manure in a bag. Not only has an excellent plant-food analysis, but what is more important, supplies humus, that wonderful soil-conditioner.

**For the Florist.** Wizard gives you pure manure, sterilized, safe and free from weed seeds, easy to use on the benches for mixing with bench or potting soil and liquid feeding.

**Vegetable Crops.** Wizard is unequalled for vegetable growing under glass and in the open field. Mixes with the soil readily and gets to work quickly. Ideal for every kind of vegetation, including shrubs, vines and fruit trees.

**Lawns.** Wizard produces a thick, velvety green lawn of lasting beauty. Make an application of it and you will be surprised at the new beauty it will develop.

Prices, f.o.b. Philadelphia, 3 lbs. 20c.; 30c. per 5 lbs.; 10 lbs. 55c.; \$1.00 per 25 lbs.; 50 lbs. \$1.80; \$3.00 per 100 lbs.; 500 lbs. \$14.00; \$27.50 per 1/2ton; ton \$50.00.

Prices, f.o.b. Chicago, 100 lbs. \$2.75; \$10.00 per 500 lbs.; 1/2ton \$19.00; \$35.00 per ton.

**Stim-U-Plant.** A plant-food in tablet form, containing highly concentrated, immediately available forms of plant-food for use in stimulating all fruit, flower, vegetable and ornamental plants and may be used in tablet or in liquid form. Pkg. of 30 tablets 25c.; 75c. per pkg. of 100 tablets; 1000 tablets \$3.50.

**Sulphate of Aluminum.** Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. 5 lbs. 35c.; 55c. per 10 lbs.; 25 lbs. \$1.00; \$3.50 per 100 lbs.; 200 lbs. \$6.50.

**Sulphate of Ammonia.** Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: Equal to 25 per cent of ammonia. 5 lbs. 50c.; 80c. per 10 lbs.; 25 lbs. \$1.25; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.50 per 200 lbs.; ton \$55.00.

**Sulphate of Potash.** Apply 100 to 125 pounds per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis: Equal to 50 per cent of actual potash. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.15; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.75 per 200 lbs.

**Tankage.** This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.25; \$2.00 per 50 lbs.; 100 lbs. \$3.25; \$6.25 per 200 lbs.; 1/2ton \$28.00; \$55.00 per ton.

**Terogen.** A new autumn and winter ground-dressing, acting both as a fertilizer and an insecticide. Lb. 65c.; \$1.15 per 2 lbs.; 5 lbs. \$2.50; \$4.50 per 10 lbs.; 25 lbs. \$10.00; \$20.00 per 50 lbs.; 100 lbs. \$37.50.

**Tobacco Stems.** For fumigating, mulching, and fertilizing. 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 75c. Bale lots at 1 3/4c. per lb.; 1/2ton \$12.50; \$22.50 per ton.

**TREE FOOD, MICHELL'S.** A wonderful fertilizer for fruit and shade trees. Contains the three necessary elements to promote vigorous growth. 25 lbs. \$1.50; \$2.50 per 50 lbs.; 100 lbs. \$4.00; \$18.50 per 500 lbs.; 1/2ton \$35.00; \$65.00 per ton.

**VIGORO.** A specially prepared plant-food for lawns, vegetable gardens, flower gardens, shrubbery, trees, etc. 1-lb. pkg. 10c.; 45c. per 5 lbs.; 10 lbs. 85c.; \$1.50 per 25 lbs.; 50 lbs. \$2.50; \$4.00 per 100 lbs.

**Vita-Vim.** The non-acid tonic food, especially suited to the exacting requirements of under-glass feeding. Excellent for mixing in potting soil for poinsettias, hydrangeas, cyclamen, cinerarias, begonias, and geraniums and for bench soil of roses, carnations, chrysanthemums and snapdragons. Lb. 35c.; 75c. per 5 lbs.; 25 lbs. \$1.75; \$3.00 per 50 lbs.; 100 lbs. \$5.50.

**Wheat Fertilizer.** For grass and grain crops. Apply 800 pounds per acre. 100 lbs. \$3.00; \$5.00 per 200 lbs.; 1/2ton \$23.50; \$45.00 per ton.

**WONDER WORKER FERTILIZER.** An extremely high-grade, animal base fertilizer, adapted for growing all vegetable crops. Will not burn, and not being a chemical product, no special instructions are necessary. Analysis: Ammonia, 6 per cent; Phosphoric Acid, 8 per cent; Potash, 5 per cent. 100 lbs. \$4.00; \$7.50 per 200 lbs.; 500 lbs. \$18.00; \$32.50 per 1/2ton; ton \$60.00.

**Wood Ashes.** See Ashes at top of opposite page.

### SMITH'S MUM MANURE

For the florist who wishes to make money by growing  
MUMS, CARNATIONS and ROSES

This food is in a class by itself for producing blooms of unusual quality and color. It is compounded so as to grow longer, stiffer stems and impart the correct color to foliage. It can be used as a top-dressing or liquid.

The results obtained from Smith's Mum Manure are superior to results from imported manures. No matter what you grow, you need this manure, if you want highest prices for your crop.

50 lbs. \$2.00; \$3.75 per 100 lbs.; 500 lbs. or over  
at \$3.50 per 100 lbs.

All prices on Fertilizers subject to market changes

# INDEX TO CONTENTS OF MICHELL'S 1938 WHOLESALE CATALOG

## SEEDS

	Page
Bird Seeds.....	48
Clovers.....	49
Corn, Field.....	49
Farm Seeds.....	49
Flower Seeds.....	1 to 32
Grass Seeds.....	50,51
Herb Seeds.....	41
Mushroom Spawn.....	41
Vegetable Seeds.....	33 to 48

## BULBS, PLANTS AND ROOTS

Achyranthes.....	60
Agathaea.....	60
Ageratum.....	60
Alternanthera.....	60
Amaryllis.....	53
Artichoke.....	48
Asparagus.....	35,48,60
Azaleas.....	60
Begonias.....	58,60
Beloperone.....	60
Berberis.....	63
Bouvardia.....	60
Browallia.....	60
Brussels Sprouts.....	48
Buddleia.....	63
Cabbage.....	48
Caladiums.....	58
Callas.....	58
Cannas.....	52
Carnations.....	60
Celery.....	48
Chinese Evergreen.....	61
Chives.....	48
Chrysanthemums.....	64,65
Coleus.....	61
Crassula.....	61
Cyclamen.....	61
Dahlias.....	53,54
Dracaena.....	61
Eggplant.....	48
Euphorbia.....	61
Ferns.....	61
Fuchsia.....	61
Gardenia.....	61
Garlic.....	41
Geranium.....	61
Gerbera.....	62
Gladjolus.....	55,56
Gloxinias.....	59
Heliotrope.....	62
Horseradish.....	41,48
Hyacinthus.....	59
Hydrangea.....	62
Iris.....	66
Ismene.....	59
Ivy.....	62
Kalanchoe.....	62
Lantana.....	62
Lavender.....	48
Libonia.....	62
Lilies.....	57
Lily-of-the-Valley.....	57
Lobelia.....	62
Mint.....	48
Montbretias.....	59
Oxalis.....	59
Palms.....	62
Pandanus.....	62
Parsley.....	48
Pelargonium.....	62,63
Peonies.....	67
Peperomia.....	63
Pepper.....	48
Perennial Plants.....	64 to 67
Petunia.....	63
Philodendron.....	63
Phlox.....	67
Plants for Miniature Gardens.....	63
Poinsettias.....	63
Pothos.....	63
Rhubarb Roots.....	46,48
Rosemary.....	48
Sage.....	48
Saintpaulia.....	63
Sansevieria.....	63
Shrubs.....	63
Stevia.....	63
Sweet Potato.....	48
Tarragon.....	48
Thyme.....	48
Tigridias.....	59
Tomato.....	48
Tuberose.....	59
Vegetable Plants and Roots.....	48
Verbena.....	63
Vinca.....	63
Vitis.....	63
Zephyranthes.....	59

## MISCELLANEOUS

Adeo.....	94
Adiantum.....	86
Agri-Pax.....	92
Antrol.....	92
Antrol Ant and Roach Powder.....	92
Antrol Traps.....	92
Aphine.....	92

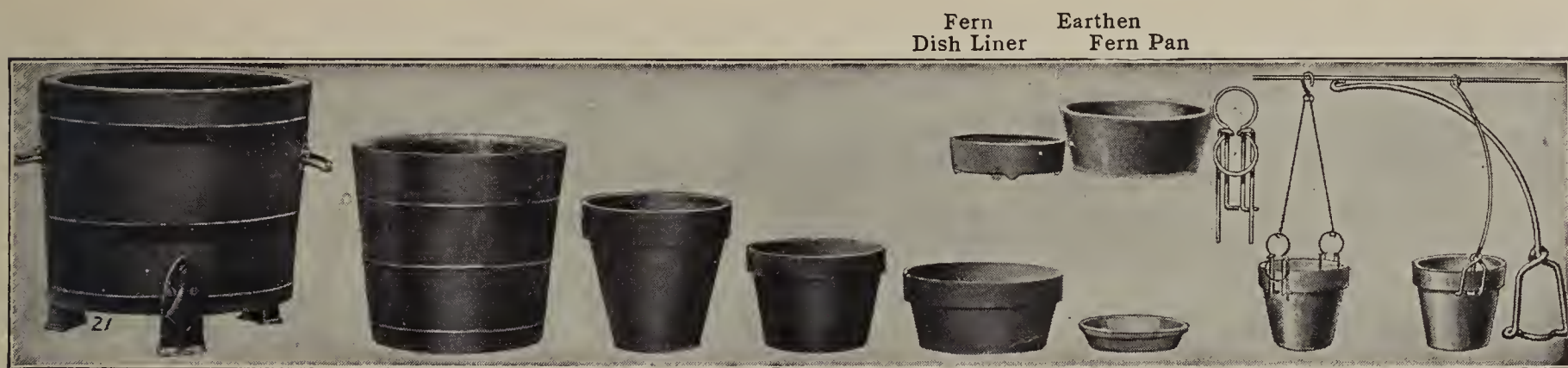
	Page
Aphis Punk.....	92
Aprons.....	74
Arsenate of Calcium.....	92
Arsenate of Lead.....	92
Artificial Flowers.....	88
Artificial Leaves.....	87
Ashes.....	94
Asparagus.....	86
Asparagus Bunehers.....	70
Asparagus Fertilizer.....	94
Asparagus Knives.....	70
Asparagus Tape.....	70
Bark.....	85
Baskets, Flower.....	82 to 85
Bean Poles.....	36
Bellows.....	77
Black-Leaf 40.....	92
Blood, Bone and Potash.....	94
Blood Flour.....	94
Bone Flour.....	94
Bone Meal.....	94
Bordeaux Mixture.....	92
Boutonniere Pins.....	91
Bovung.....	94
Boxes.....	78,79
Brooms.....	72
Brushes.....	72
Bug Death.....	92
Bulb Fibre.....	81
Bulb Pans.....	3d Cov.
Bull Dog Clips.....	81
Burlap.....	78
Bu-So-La.....	92
Calcium Caseinate.....	92
Cape Flowers.....	87,88
Carbolineum.....	92
Carnation Dye.....	81
Carnation Menders.....	79
Carnation Supports.....	77
Cattails.....	87
Celery Bleachers.....	39
Celery Paper.....	39,81
Celery Tape.....	39,81
Cel-O-Glass.....	78
Ceresan.....	92
Charecoal.....	81
Chenille.....	91
Chiffon.....	91
Clay's Fertilizer.....	94
Clock Dials.....	89
Coal for Wagon Heaters.....	78
Copper Solution.....	92
Corsage Pins.....	88
Corsage Shields.....	88
Cottonseed Meal.....	94
Cow Manure.....	94
Crepe Paper.....	89
Crow Repellent.....	49
Cultivators.....	68
Cultivator Teeth.....	68
Cuproide.....	46,92
Cut-Flower Boxes.....	78
Cyanegg.....	92
Cyanogas.....	92
Cycaes Leaves.....	86
Dahlia Food.....	54
Derrisol.....	92
Dibbles.....	71
Dried Blood.....	94
Dusters.....	76
Dutox.....	92
Extension Pipes.....	76
Feathers.....	88
Fern Dish Liners.....	3d Cov.
Fern Pans.....	3d Cov.
Fern Pins.....	86
Ferogen.....	94
Fertilizer.....	94,95
Fertilizer Distributor.....	68
Fish-Oil Soap.....	92
Flex-O-Glass.....	78
Floranid.....	94
Flower Baskets.....	82 to 85
Flower Boxes.....	79
Flower Dye.....	89
Flower Holder.....	89
Flower Pots.....	3d Cov.
Flower Powder.....	89
Flower Shears.....	79
Formacide.....	92
Form-O-Fume.....	92
Fume Tobac.....	92
Fungtrogen.....	92
Galax Leaves.....	86
Garden Line.....	71
Getz There Soap.....	92
Glass Cleaner.....	81
Glass Cutters.....	81
Glass Repair Clamps.....	81
Glazing Cement.....	81
Glazing Chisel.....	81
Glazing Points.....	81
Glazit Gun.....	81
Grafting Tool.....	73
Grafting Wax.....	73
Grape and Rose Dust.....	92
Grass Catchers.....	69
Grass Shears.....	69
Grasswips.....	69
Greenhouse Paint.....	81
Greening Pins.....	79,86
Gypsophila.....	87

	Page
Handy Handle.....	83
Hanging-Baskets.....	77
Harrow.....	68
Heaters.....	78
Hedge Shears.....	72
Hedge Trimmer.....	72
Hellebore.....	92
Hoes.....	71
Hormodin.....	63,80
Horn Shavings.....	94
Hortobacco.....	94
Hose.....	74
Hose Bands.....	74
Hose Clamps.....	74
Hose Connections.....	74
Hose Couplings.....	74
Hose Menders.....	74
Hose Nozzles.....	74
Hose Reducers.....	74
Hose Washers.....	74
Hotbed Mats.....	78
Hotbed Sash.....	78
Hotkaps.....	80
Hydrant Attachments.....	74
Hydroxide.....	92
Hyper-Humus.....	94
Insecticides.....	92,93
Insectrogen.....	92
Japtox.....	92
Jardiers.....	89
Kainit.....	94
Kerosene Emulsion.....	92
Knives.....	73
Labels.....	77
Ladders.....	68
Land Plaster.....	94
Lawn Dressing and Fertilizer.....	94
Lawn Mower Oil.....	69
Lawn Mowers.....	69
Lawn Sand.....	94
Lawn Trimmers.....	69
Leaf-Mould.....	81
Legume-Aid.....	94
Lemon-Oil.....	92
Lethane.....	92
Letters.....	90
Lime.....	94
Limestone.....	94
Lime-Sulphur.....	92
Liquid Manure Distributor.....	74
Lopping Shears.....	72,73
Loro.....	92
Lotus Pods.....	87
Lycopodium.....	87
Magnolia Leaves.....	86
Magnolia Wreaths.....	86
Marking Pencils.....	77
Mastica.....	81
Mastica Machine.....	81
Mats.....	78,89
Mexican Bean Beetle Destroyer.....	92
Mexogen.....	92
Moss.....	78
Mouse Seed.....	81
Multicide.....	92
Mum Manure.....	94,95
Muriate of Potash.....	94
Naphtha Flakes.....	92
Naptoside.....	92
Nico-Fume.....	92
Nico-Fume Powder Pressure Fumi-gator.....	93
Nicotine Pyrox.....	93
Nikoteen.....	93
Nitrate of Soda.....	94
Nitrophoska.....	95
Nozzles.....	74,75
Oak Leaf Sprays.....	85
Paper.....	79
Para-Dichlorobenzene.....	93
Parafilm.....	79
Paris Green.....	93
Pearl Chips.....	81
Peat.....	81
Peat Moss.....	81,95
Pebbles.....	81
Philogan.....	95
Phosphate.....	95
Pine Cones.....	86
Plantabbs.....	95
Plant Spray.....	93
Plant Stands.....	77
Plant Supports.....	77
Plant Tubs.....	3d Cov.
Pliers.....	79
Plow Line Cotton.....	71
Plows.....	68
Poles.....	72,80
Pomo-Green.....	93
Potato Fertilizer.....	95
Pot-Covers.....	89
Pot Hangers.....	3d Cov.
Pots.....	3d Cov.
Pruning Compound.....	73,81
Pruning Gloves.....	73
Pruning Saws.....	73
Pruning Shears.....	73
Pulverizers.....	68
Putty.....	81
Putty Distributor.....	81
Pyrethrum Powder.....	93
Pyrote.....	93

	Page
Pyrox.....	93
Raffia.....	81
Raffiatape.....	81
Rakes.....	70,71
Rat Paste.....	93
Red Arrow Insect Spray.....	93
Reels.....	71
Revivo.....	93
Ribbon.....	91
Rollers.....	70
Rotecide.....	93
Rotenone Dust.....	93
Rubber Hose.....	74
Ruseus.....	87
Salt.....	95
Sand.....	81
Saucers.....	3d Cov.
Saws.....	73
Scalecide.....	93
Seale Oil.....	93
Seythes.....	69
Seythe Snaths.....	69
Seed Drills.....	68
Selocide.....	93
Semesan.....	52,93
Shaderine.....	81
Sharpening Stones.....	69
Shears.....	69,72,73,79
Sheep Manure.....	95
Shields.....	88
Shovels.....	71
Sickles.....	69
Sieves.....	68
Slug Shot.....	93
Snapdragon Supports.....	77
Snarol.....	93
Soap (C. P. O.).....	93
Soap Spray.....	93
Sod-Cutter.....	70
Soil-Pulverizer.....	72
Soil-Tester.....	72
Soot.....	95
Spades.....	71
Spading Forks.....	71
Spike-Tamp.....	69
Spray Bulb.....	78
Sprayers.....	75,76,79
Spray Spreader.....	93
Sprinklers.....	79
Stakes.....	

Michell's Plant Tubs will stand a lot of hard usage

# MICHELL'S FLOWER POTS, TUBS, ETC.



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Krick's Pot Hanger

Eureka Pot Hanger

## Cedar Tubs

Equipped with strong iron hoops

These are made by hand of the very best white cedar, painted green. All measurements are inside.

No.	Top Diam.	Depth	Each
No. 0	24 3/4 in.	24 in.	\$11 00
No. 1	23 3/8 in.	22 in.	10 00
No. 2	21 in.	20 in.	9 00
No. 3	18 11/16 in.	18 in.	8 00
No. 4	16 1/2 in.	16 in.	6 75
No. 5	14 7/16 in.	14 in.	6 00
No. 6	12 7/16 in.	12 in.	5 00
No. 7	11 3/4 in.	10 in.	4 25
No. 8	10 11/16 in.	9 1/2 in.	3 75

## Michell's Keystone Tubs

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 25c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
No. 1	6 in.	6 in.	\$0 60	\$6 00	\$45 00
No. 2	7 in.	7 in.	65	6 50	46 50
No. 3	8 in.	8 in.	70	7 00	48 00
No. 4	9 in.	9 in.	75	7 50	49 50
No. 5	10 in.	9 in.	80	8 00	60 00
No. 6	11 in.	10 in.	95	9 50	72 00
No. 7	12 in.	11 in.	1 10	11 00	87 00
No. 8	13 in.	12 in.	1 40	16 00	100 00
No. 9	14 in.	13 in.	1 60	17 00	
No. 10	15 in.	14 in.	1 75	19 00	
No. 11	16 in.	15 in.	1 90	22 00	
No. 12	17 in.	16 in.	2 25	23 50	
No. 13	18 in.	17 in.	2 50	28 00	
No. 14	19 in.	18 in.	3 00	34 00	

## Keystone Fern Tubs

No.	Inside Top Diam.	Inside Bottom Diam.	Inside Depth	Each
No. 1	8 in.	6 in.	5 1/2 in.	\$0 30
No. 2	9 in.	7 in.	5 1/2 in.	40
No. 3	9 in.	7 in.	6 1/2 in.	45
No. 4	10 in.	8 in.	5 1/2 in.	45
No. 5	10 in.	8 in.	6 1/2 in.	50

## Evergreen Tubs

A low-priced Tub, durable and handsomely finished with two coats of dark green oil-paint.

No.	Top diam	Depth	Doz.
No. A	7 3/4 in.	5 1/2 in.	\$2 90
No. B	9 in.	6 1/2 in.	3 60
No. C	10 3/4 in.	8 in.	7 20
No. D	10 in.	5 1/2 in.	3 60
No. E	10 in.	6 1/2 in.	3 85
No. K	11 in.	6 1/2 in.	4 20
No. J	12 in.	5 1/2 in.	4 20
No. F	13 in.	6 in.	4 80

## Azalea Pots

Diam.	Depth	Doz.	100	1000
5 in.	4 1/2 in.	\$0 65	\$4 35	\$34 00
6 in.	5 in.	95	6 50	51 00
7 in.	6 in.	1 65	10 80	85 05
8 in.	7 in.	2 35	15 60	122 85

## Earthen Bulb Pans

Diam.	Doz.	100	1000
6 in.	\$0 95	\$6 50	\$51 00
7 in.	1 65	10 80	85 05
8 in.	2 35	15 60	122 85
9 in.	3 50	18 90	
10 in.	5 00	25 55	
12 in.	9 50	52 00	
14 in.	16 00	85 05	

## Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0 05	\$0 50	\$3 80
4 3/4 in.	2 1/8 in.	08	75	5 05
5 1/2 in.	2 1/4 in.	10	85	6 30
6 1/4 in.	2 1/2 in.	12	1 00	7 60
7 in.	2 5/8 in.	15	1 20	8 85
8 in.	3 1/8 in.	18	1 65	12 60
9 in.	3 1/4 in.	20	2 00	15 15

## Fern-Dish Liners

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0 15	\$1 56	\$8 51

## Earthen Flower Pots

Width Inside	Doz.	100	1000
1 in.	\$0 15	\$1 00	\$7 55
2 in.	15	1 05	7 55
2 1/4 in.	20	1 10	8 05
2 1/2 in.	25	1 20	9 45
3 in.	30	1 55	12 30
3 1/2 in.	35	1 95	15 15
4 in.	40	2 40	18 90
4 1/2 in.	50	3 25	25 55
5 in.	65	4 35	34 00
5 1/2 in.	85	5 40	42 55
6 in.	95	6 50	51 00
7 in.	1 65	10 80	85 05
8 in.	2 35	15 60	122 85
9 in.	3 50	18 90	
10 in.	5 00	25 55	
12 in.	9 50	52 00	
14 in.	16 00	85 05	

## Neponset Paper Pots

Green. For Growing

This new development makes it possible to take advantage of the economy, ease, and convenience of Paper Pots for the full growing period of young plants without any damaging or retarding of root-growth. The special waterproofing treatment of these Pots seems to encourage healthy growth; not necessary to use clay pots.

Size	Weight per 1000	Price per 1000
2 in.	14 lbs.	\$5 45
2 1/4 in.	16 lbs.	5 70
2 1/2 in.	22 lbs.	6 30
3 in.	28 lbs.	7 10
3 1/2 in.	39 lbs.	9 10
4 in.	52 lbs.	10 55
5 in.	88 lbs.	14 80
6 in.	124 lbs.	20 00

Special prices will be quoted f.o.b. factory.

## Red Paper Pots

Diam.	Weight per 1000	100	P.Post	1000
2 in.	10 lbs.	\$0 40	\$0 50	\$2 50
2 1/4 in.	12 lbs.	45	55	2 75
2 1/2 in.	16 lbs.	50	60	2 90
3 in.	24 lbs.	65	80	3 50
3 1/2 in.	34 lbs.	85	1 00	4 75
*4 in.	46 lbs.	1 00	1 20	5 75
*5 in.	74 lbs.	1 25	1 45	10 00
*6 in.	102 lbs.	1 50	1 75	11 50

Sizes marked \* are packed 500 to a crate, other sizes, 1000.

Special prices will be quoted f.o.b. factory.

## Earthenware Saucers

Diam.	Doz.	100
4 in.	\$0 25	\$1 45
5 in.	35	1 90
6 in.	50	2 85
7 in.	70	4 30
8 in.	1 00	6 00
9 in.	1 30	7 90
10 in.	1 75	12 60
12 in.	2 75	18 90
14 in.	4 00	25 20

## Rubber Saucers

Durable and waterproof.

Diam.	Each	P.Post	Doz.
4 in.	\$0 12	\$0 17	\$1 25
5 in.	15	20	1 50
6 in.	20	25	2 00
7 in.	25	35	2 75
8 in.	30	40	3 25
9 in.	40	50	4 50
10 in.	60	70	6 90
12 in.	75	90	8 50

## Wood Fibre Saucers

Outside Diam.	Each	P.Post	Doz.
6 in.	\$0 50	\$0 60	\$5 50
7 in.	60	70	6 50
8 1/2 in.	70	80	7 75
10 in.	80	90	8 25
11 3/4 in.	85	95	9 75
14 1/4 in.	1 20	1 35	13 75
16 in.	1 55	1 70	18 00
17 1/2 in.	1 75	1 90	20 50

## Pot Hangers

	Each	Doz.	P. Post	Gross
<b>Krick's No. 1, 3 to</b>			Per Doz.	
5-in. pots	\$0 06	\$0 55	\$0 65	\$4 75
<b>Krick's No. 2, 6 and</b>				
7-in. pots	07	65	75	5 00
<b>Krick's No. 3, 8 to</b>				
10-in. pots	08	75	85	5 50

**Eureka.** For all sizes of pots. Made of galvanized wire. 15c. each; per doz., \$1.15 (by Parcel Post, \$1.25); \$9.00 per 100.

ALL PRICES SUBJECT TO MARKET CHANGES



**PETUNIA, Alldouble, Orchid Beauty**

1/2 trade pkt. (300 seeds), \$1.25  
 \$2.00 per trade pkt. (600 seeds); 3 trade pkts. \$6.00

**MICHELL'S NEW CALENDULA  
 Sunbeams**

Trade pkt. 40c.; 60c. per 1/4oz.; oz. \$2.00



**ANTIRRHINUM**

MICHELL'S NEW IMPROVED  
 RUSTPROOF

**Cheviot Maid Supreme**

Trade pkt. 75c.; \$2.00 per 1/4oz.

